

PROCESS FLOW DIAGRAMS



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Single-level frame

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Double-level frame

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UMBRA SHADOW PROFILE



Single-level frame

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Double-level frame

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UMBRA FLOATING PROFILE



Single-level frame

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Double-level frame

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UMBRA VENTILATION PROFILE



Single-level frame

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UMBRA GAP EXPANDER



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LONER SHADOW PROFILE

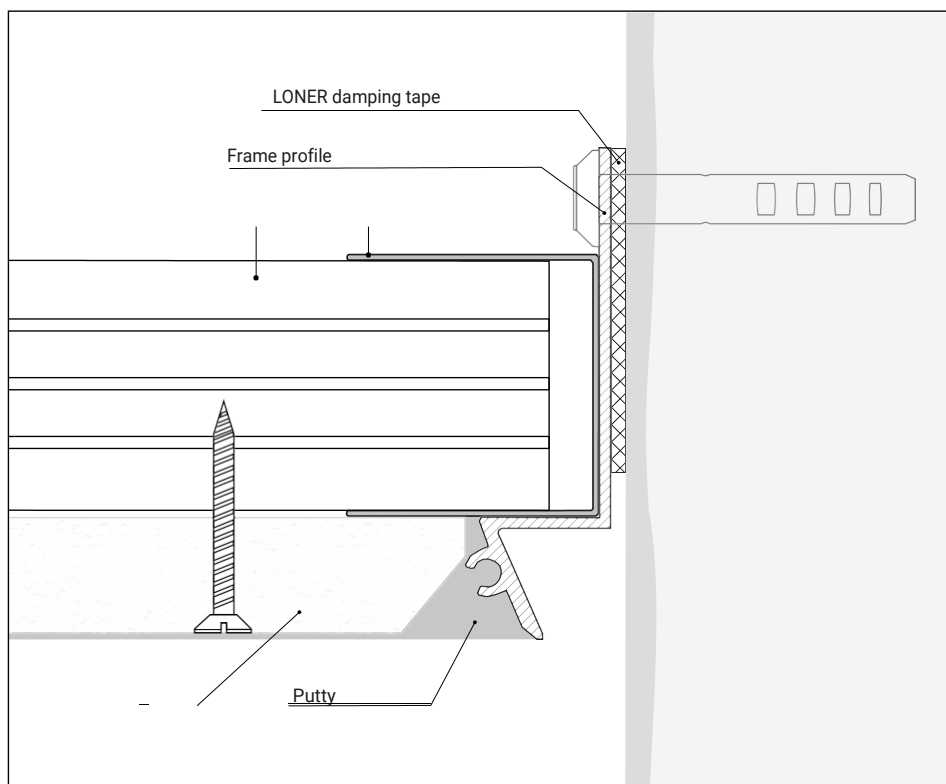
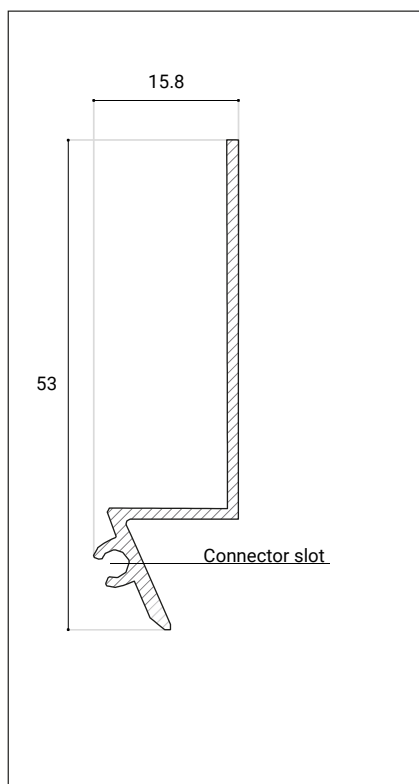
Framed constructions installation

Installation using a single-level frame and a 12.5 mm thickness single-layer sheeting.

ATTENTION! Before installing the perimeter profile, wall finishing works, including decorative coating at least at the installation site and anti-vandal surface protection shall be performed.

Installation sequence:

- 1 Before installing the perimeter profile, it is necessary to apply line marking, taking into consideration that the profile bottom is on the same level as the finishing ceiling surface.
- 2 A damping tape made of foamed polyethylene (1-3 mm thickness and at least 20 mm width) is glued to the profile back along the upper edge.
- 3 Depending on the bearing base capacity, the profile perforation interval is chosen which varies 40-60 cm and the holes diameter of 4-6 mm. To preserve the damping properties, the closest to the angle hole shall be no closer than 10 and no further than 20 cm.
- 4 The profile is installed using a fastener chosen by the specialist, preventing the profile from being deformed by excessive clamping force.
- 5 When rotating the profile or joining it in on the straight, an angular or a straight connector is used.
- 6 During the framed structure assembly, the leading profile shall not be attached to the perimeter profile, it shall lie freely on the specially designed LONER shelf. The closest profile suspension shall be no further than 20 cm from the perimeter profile. You should equally add a suspension to the loose end of the bearing profile connected to the main one with only one single-level connector and add a bearing profile along the perimeter, clamping it as much as possible along the perimeter.
- 7 During sheeting, you shall perceive the perimeter profile attachment as the conjugation of two sheared edges and prepare it for sealing accordingly.
- 8 Before painting works, it is necessary to protect the inside profile part with a paint plug. You can use an extruded polystyrene foam strip (8-10 mm thickness, 30 mm height), depending on the selected damping tape.
- 9 Further surface finishing is performed according to the chosen painting method, the joint between the sheeting and the perimeter profile is sealed according to the execution of works with sheared or mounting edges of the sheeting material.
- 10 Once finishing works are completed, the plug and the paint tape are removed, the perimeter profile is ready to be used.



LONER SHADOW PROFILE

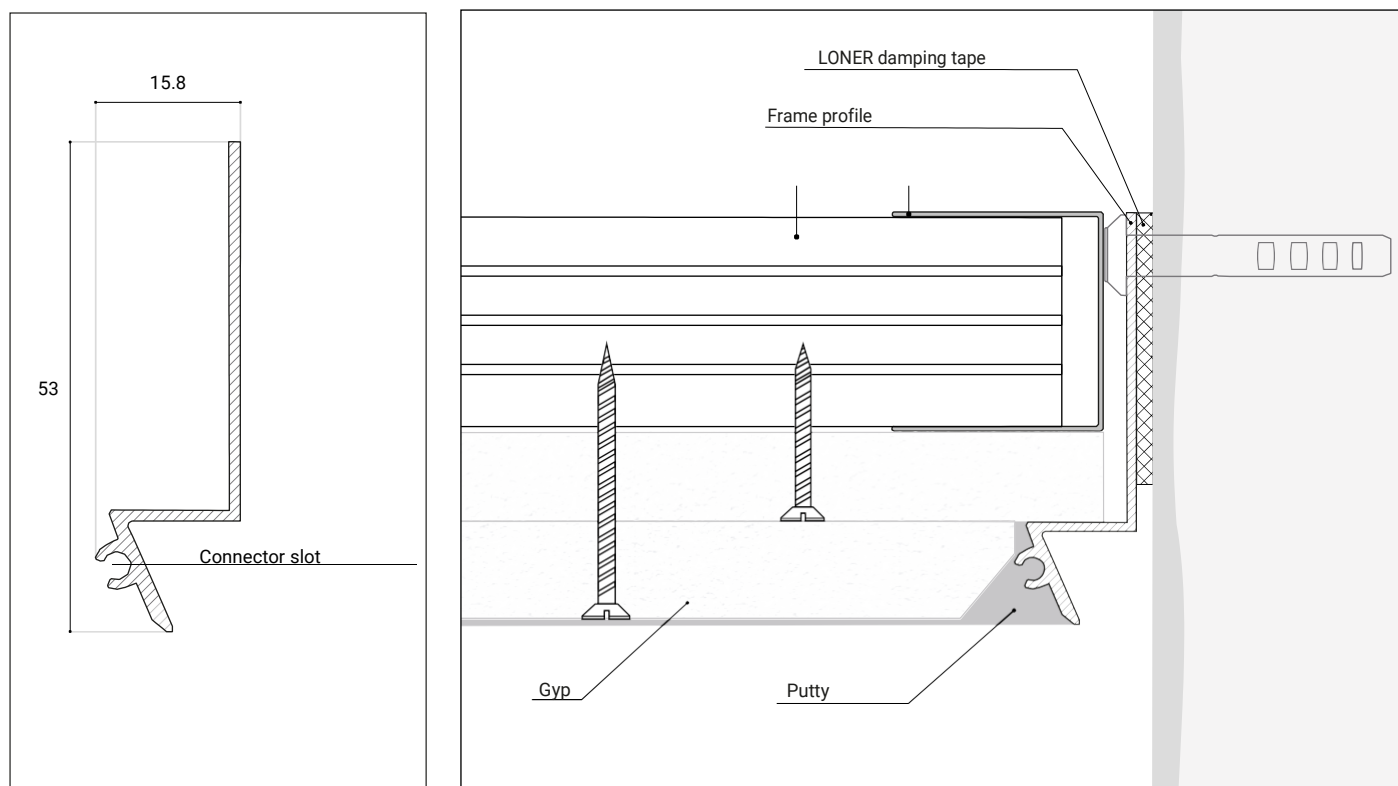
Framed constructions installation

Installation using a single-level frame and a 25 mm (total) thickness double-layer sheeting.

ATTENTION! Before installing the perimeter profile, wall finishing works, including decorative coating at least at the installation site and anti-vandal surface protection shall be performed.

Installation sequence:

- 1 Before installing the perimeter profile, it is necessary to apply line marking, taking into consideration that the profile bottom is on the same level as the finished ceiling surface and the profile top is on the same level as the frame top.
- 2 A damping tape made of foamed polyethylene (1-3 mm thickness and at least 20 mm width) is glued to the profile back along the upper edge.
- 3 Depending on the bearing base capacity, the profile perforation interval is chosen which varies 40-60 cm and the holes diameter of 4-6 mm. To preserve the damping properties, the closest to the angle hole shall be no closer than 10 and no further than 20 cm.
- 4 The profile is installed using a fastener chosen by the specialist, preventing the profile from being deformed by excessive clamping force.
- 5 When rotating the profile or joining it in on the straight, an angular or a straight connector is used.
- 6 During the framed structure assembly, the leading profile shall not be attached to the perimeter profile, it shall be freely put on the supporting and main frame profiles. The closest profile suspension shall be no further than 20 cm from the perimeter profile. You should equally add a suspension to the loose end of the bearing profile connected to the main one with only one single-level connector and add a bearing profile along the perimeter, clamping it as much as possible along the perimeter.
- 7 During sheeting, you shall perceive the perimeter profile attachment as the conjugation of two sheared edges and prepare it for sealing accordingly.
- 8 Before painting works, it is necessary to protect the inside profile part with a paint plug. You can use an extruded polystyrene foam strip (8-10 mm thickness, 30 mm height), depending on the selected damping tape.
- 9 Further surface finishing is performed according to the chosen painting method, the joint between the sheeting and the perimeter profile is sealed according to the execution of works with sheared or mounting edges of the sheeting material.
- 10 Once finishing works are completed, the plug and the paint tape are removed, the perimeter profile is ready to be used.



LONER SHADOW PROFILE

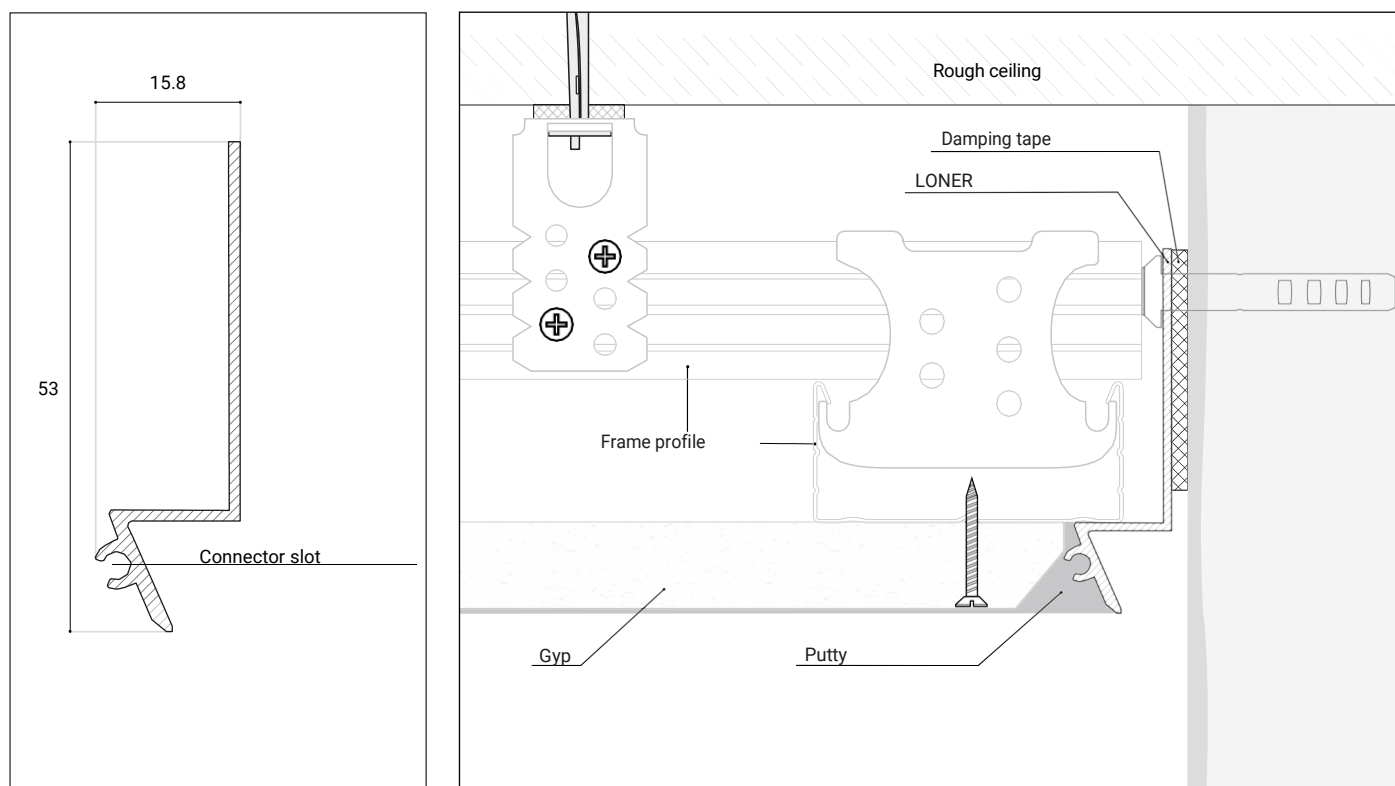
Framed constructions installation

Installation using a double-level frame and 12.5 mm thickness single-layer sheeting.

ATTENTION! Before installing the perimeter profile, wall finishing works, including decorative coating at least at the installation site and anti-vandal surface protection shall be performed.

Installation sequence:

- 1 Before installing the perimeter profile, it is necessary to apply line marking, taking into consideration that the profile bottom is on the same level as the finishing ceiling surface.
- 2 A damping tape made of foamed polyethylene (1-3 mm thickness and at least 20 mm width) is glued to the profile back along the upper edge.
- 3 Depending on the bearing base capacity, the profile perforation interval is chosen which varies 40-60 cm and the holes diameter of 4-6 mm. To preserve the damping properties, the closest to the angle hole shall be no closer than 10 and no further than 20 cm.
- 4 The profile is installed using a fastener chosen by the specialist, preventing the profile from being deformed by excessive clamping force.
- 5 When rotating the profile or joining it in on the straight, an angular or a straight connector is used.
- 6 During the framed structure assembly, the leading profile shall be put on the supporting profile, it shall lie freely on the specially designed LONER shelf. The closest suspension on the main profile shall be no further than 20 cm from the perimeter profile, and a bearing profile shall equally be installed along the perimeter, clamping it as much as possible.
- 7 During sheeting, you shall perceive the perimeter profile attachment as the conjugation of two sheared edges and prepare it for sealing accordingly.
- 8 Before painting works, it is necessary to protect the inside profile part with a paint plug. You can use an extruded polystyrene foam strip (8-10 mm thickness, 30 mm height), depending on the selected damping tape.
- 9 Further surface finishing is performed according to the chosen painting method, the joint between the sheeting and the perimeter profile is sealed according to the execution of works with sheared or mounting edges of the sheeting material.
- 10 Once finishing works are completed, the plug and the paint tape are removed, the perimeter profile is ready to be used.



LONER SHADOW PROFILE

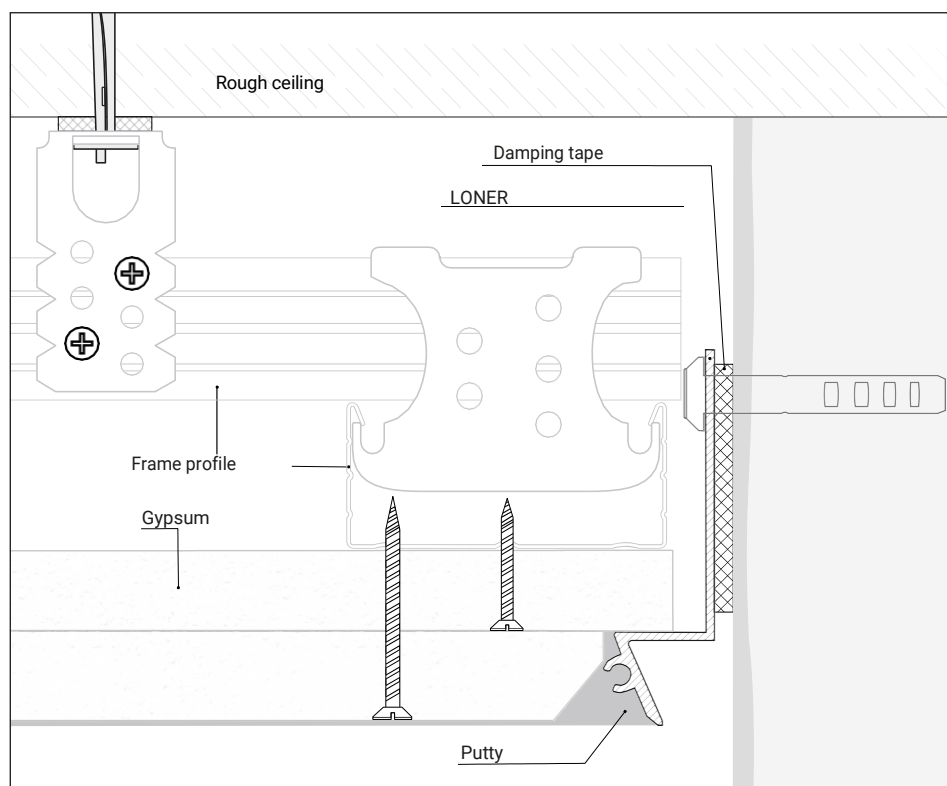
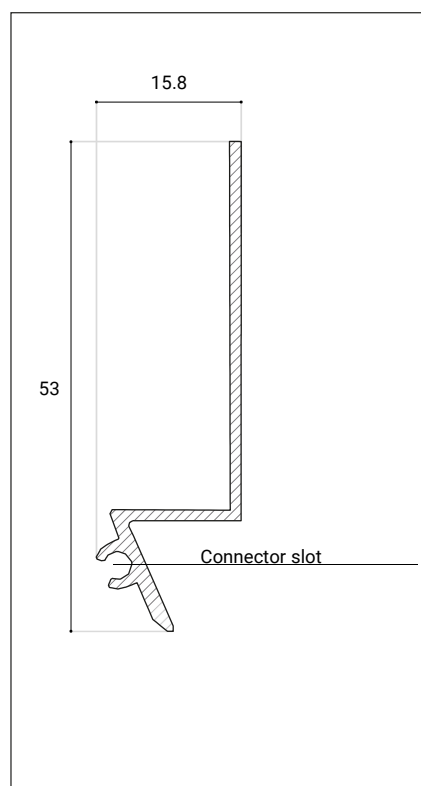
Framed constructions installation

Installation using a double-level frame and a 25 mm (total) thickness double-layer sheeting.

ATTENTION! Before installing the perimeter profile, wall finishing works, including decorative coating at least at the installation site and anti-vandal surface protection shall be performed.

Installation sequence:

- 1 Before installing the perimeter profile, it is necessary to apply line marking, taking into consideration that the profile bottom is on the same level as the finishing ceiling surface.
- 2 A damping tape made of foamed polyethylene (1-3 mm thickness and at least 20 mm width) is glued to the profile back along the upper edge.
- 3 Depending on the bearing base capacity, the profile perforation interval is chosen which varies 40-60 cm and the holes diameter of 4-6 mm. To preserve the damping properties, the closest to the angle hole shall be no closer than 10 and no further than 20 cm.
- 4 The profile is installed using a fastener chosen by the specialist, preventing the profile from being deformed by excessive clamping force.
- 5 When rotating the profile or joining it in on the straight, an angular or a straight connector is used.
- 6 During the framed structure assembly, the leading profile shall be put on the supporting profile, it shall lie freely on the specially designed LONER shelf. The closest suspension on the main profile shall be no further than 20 cm from the perimeter profile, and a bearing profile shall equally be installed along the perimeter, clamping it as much as possible.
- 7 During sheeting, you shall perceive the perimeter profile attachment as the conjugation of two sheared edges and prepare it for sealing accordingly.
- 8 Before painting works, it is necessary to protect the inside profile part with a paint plug. You can use an extruded polystyrene foam strip (8-10 mm thickness, 30 mm height), depending on the selected damping tape.
- 9 Further surface finishing is performed according to the chosen painting method, the joint between the sheeting and the perimeter profile is sealed according to the execution of works with sheared or mounting edges of the sheeting material.
- 10 Once finishing works are completed, the plug and the paint tape are removed, the perimeter profile is ready to be used.



UMBRA SHADOW PROFILE

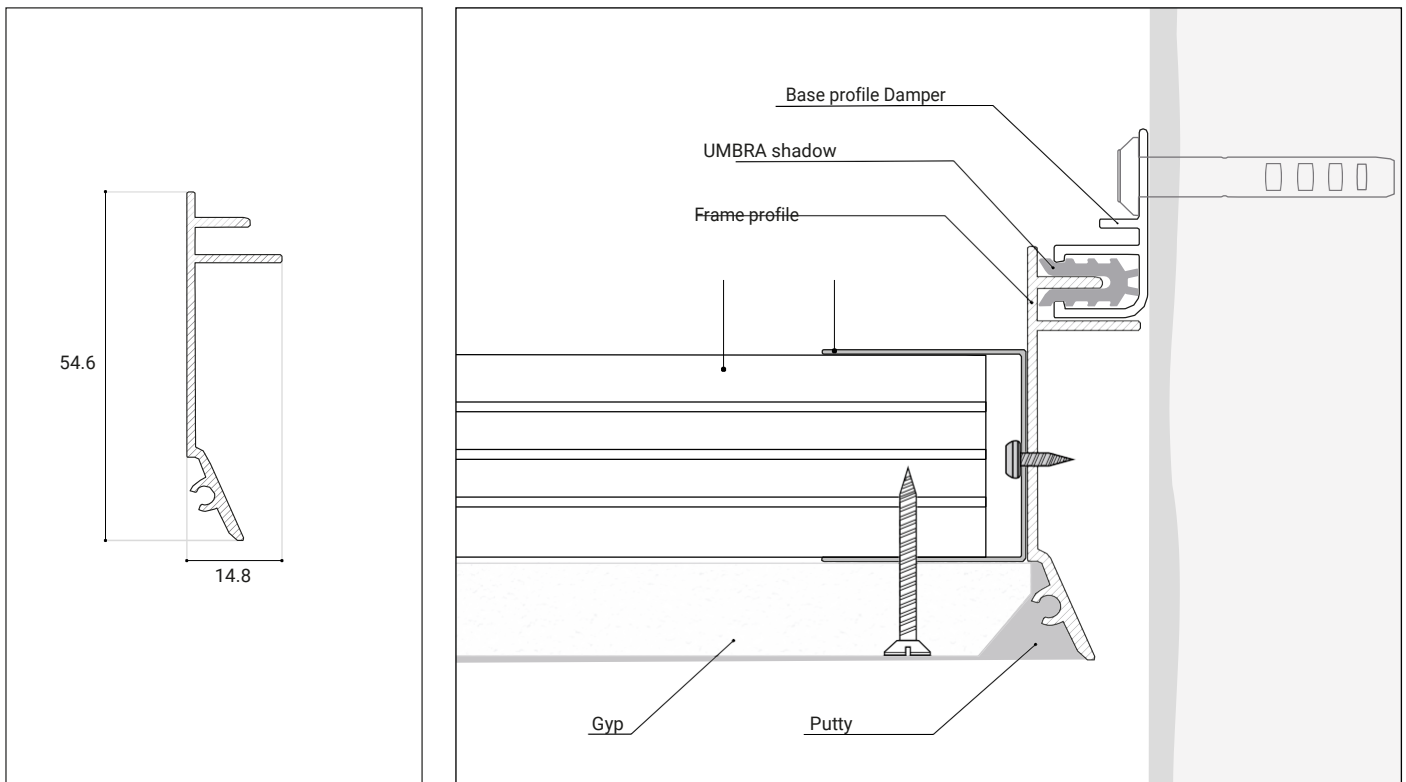
Framed constructions installation

Installation using a single-level frame and a 12.5 mm thickness single-layer sheeting.

ATTENTION! Before installing the perimeter shadow profile, wall finishing works, including decorative coating at least at the installation site and anti-vandal surface protection shall be performed.

Installation sequence:

- 1 Before installing the perimeter shadow profile, it is necessary to apply line marking, taking into consideration that the profile bottom is on the same level as the finished ceiling surface and the base profile top is 70 mm high.
- 2 Depending on the bearing base capacity, the base profile perforation interval is chosen which varies 40-60 cm and the holes diameter of 4-6 mm.
- 3 Before installing the base profile, a polymer damper is inserted into it, pushing it through the end face into the specially designed slot.
- 4 The profile is installed using a fastener chosen by the specialist, preventing the profile from being deformed by excessive clamping force.
- 5 When rotating the profile or joining it on the straight, a flat angular or a flat straight connector is used.
- 6 Once the base profile is in its design position, you can proceed to install UMBRA perimeter shadow profile. To perform this, it is enough to join the tenon with the damper slot and press it firmly.
- 7 When rotating the profile or joining it in on the straight, an angular or a straight connector is used.
- 8 The framed construction leading profile is fixed using a self-tapping screw (no more than of 11 mm length with an interval of 40-60 cm), the profile bottom is set at the same level with the shadow profile back bottom.
- 9 During sheeting, you shall perceive UMBRA perimeter shadow profile attachment as the conjugation of two sheared edges and prepare it for sealing accordingly.
- 10 Before painting works, it is necessary to protect the inside shadow profile part with a paint plug. You can use an extruded polystyrene foam strip (7 mm thickness and 30 mm height).
- 11 Further surface finishing is performed according to the chosen painting method, the joint between the sheeting and the shadow perimeter profile is sealed according to the execution of works with sheared or mounting edges of the sheeting material.
- 12 Once finishing works are completed, the plug and the paint tape are removed, UMBRA shadow perimeter profile is ready to be used.



UMBRA SHADOW PROFILE

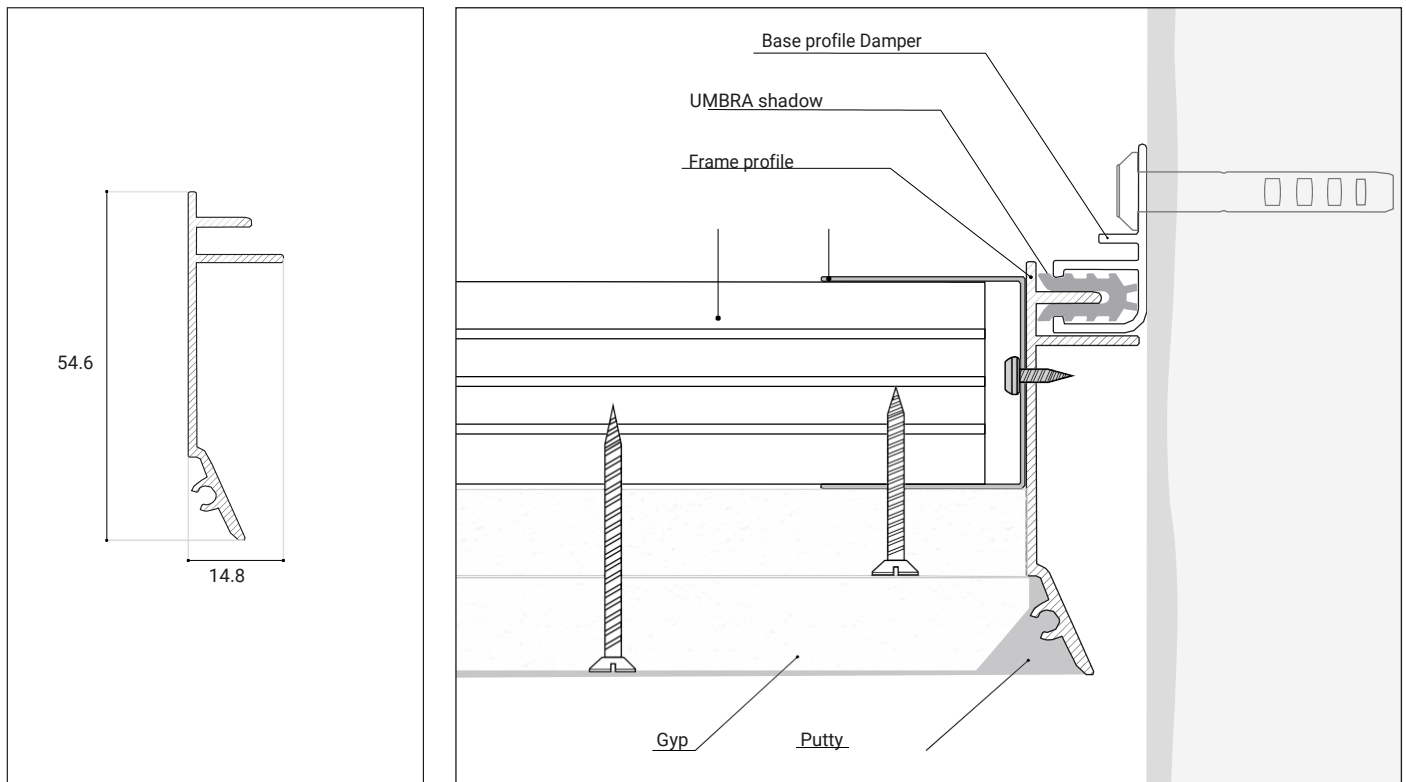
Framed constructions installation

Installation using a single-level frame and a 25 mm (total) thickness double-layer sheeting.

ATTENTION! Before installing the perimeter shadow profile, wall finishing works, including decorative coating at least at the installation site and anti-vandal surface protection shall be performed.

Installation sequence:

- 1 Before installing the perimeter shadow profile, it is necessary to apply line marking, taking into consideration that the profile bottom is on the same level as the finished ceiling surface and the base profile top is 70 mm high.
- 2 Depending on the bearing base capacity, the base profile perforation interval is chosen which varies 40-60 cm and the holes diameter of 4-6 mm.
- 3 Before installing the base profile, a polymer damper is inserted into it, pushing it through the end face into the specially designed slot.
- 4 The profile is installed using a fastener chosen by the specialist, preventing the profile from being deformed by excessive clamping force.
- 5 When rotating the profile or joining it on the straight, a flat angular or a flat straight connector is used.
- 6 Once the base profile is in its design position, you can proceed to install UMBRA perimeter shadow profile. To perform this, it is enough to join the tenon with the damper slot and press it firmly.
- 7 When rotating the profile or joining it in on the straight, an angular or a straight connector is used.
- 8 The framed construction leading profile is fixed using a self-tapping screw (no more than of 11 mm length with an interval of 40-60 cm), the profile bottom is set at the same level with the shadow profile back top.
- 9 During sheeting, you shall perceive UMBRA perimeter shadow profile attachment as the conjugation of two sheared edges and prepare it for sealing accordingly.
- 10 Before painting works, it is necessary to protect the inside shadow profile part with a paint plug. You can use an extruded polystyrene foam strip (7 mm thickness and 30 mm height).
- 11 Further surface finishing is performed according to the chosen painting method, the joint between the sheeting and the shadow perimeter profile is sealed according to the execution of works with sheared or mounting edges of the sheeting material.
- 12 Once finishing works are completed, the plug and the paint tape are removed, UMBRA shadow perimeter profile is ready to be used.



UMBRA SHADOW PROFILE

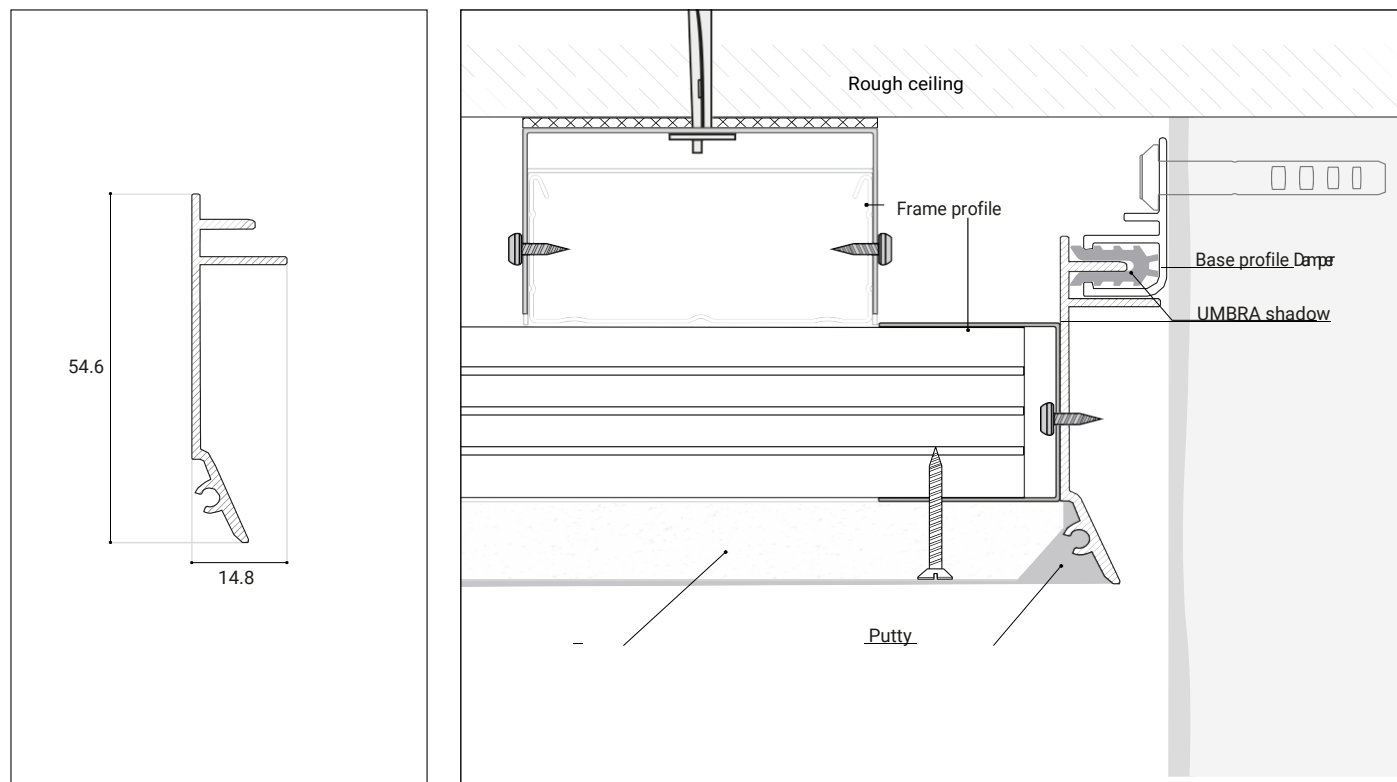
Framed constructions installation

Installation using a double-level frame and 12.5 mm thickness single-layer sheeting.

ATTENTION! Before installing the perimeter shadow profile, wall finishing works, including decorative coating at least at the installation site and anti-vandal surface protection shall be performed.

Installation sequence:

- 1 Before installing the perimeter shadow profile, it is necessary to apply line marking, taking into consideration that the profile bottom is on the same level as the finished ceiling surface and the base profile top is 70 mm high.
- 2 Depending on the bearing base capacity, the base profile perforation interval is chosen which varies 40-60 cm and the holes diameter of 4-6 mm.
- 3 Before installing the base profile, a polymer damper is inserted into it, pushing it through the end face into the specially designed slot.
- 4 The profile is installed using a fastener chosen by the specialist, preventing the profile from being deformed by excessive clamping force.
- 5 When rotating the profile or joining it on the straight, a flat angular or a flat straight connector is used.
- 6 Once the base profile is in its design position, you can proceed to install UMBRA perimeter shadow profile. To perform this, it is enough to join the tenon with the damper slot and press it firmly.
- 7 When rotating the profile or joining it in on the straight, an angular or a straight connector is used.
- 8 The framed construction leading profile is fixed using a self-tapping screw (no more than of 11 mm length with an interval of 40-60 cm), the profile bottom is set at the same level with the shadow profile back bottom. Then, the supporting profile of the ceiling frame is inserted into it. The framed construction supporting profile which is along UMBRA shadow perimeter profile is placed with an offset of no more than 200 mm.
- 9 During sheeting, you shall perceive UMBRA perimeter shadow profile attachment as the conjugation of two sheared edges and prepare it for sealing accordingly.
- 10 Before painting works, it is necessary to protect the inside shadow profile part with a paint plug. You can use an extruded polystyrene foam strip (7 mm thickness and 30 mm height).
- 11 Further surface finishing is performed according to the chosen painting method, the joint between the sheeting and the shadow perimeter profile is sealed according to the execution of works with sheared or mounting edges of the sheeting material.
- 12 Once finishing works are completed, the plug and the paint tape are removed, UMBRA shadow perimeter profile is ready to be used.



UMBRA SHADOW PROFILE

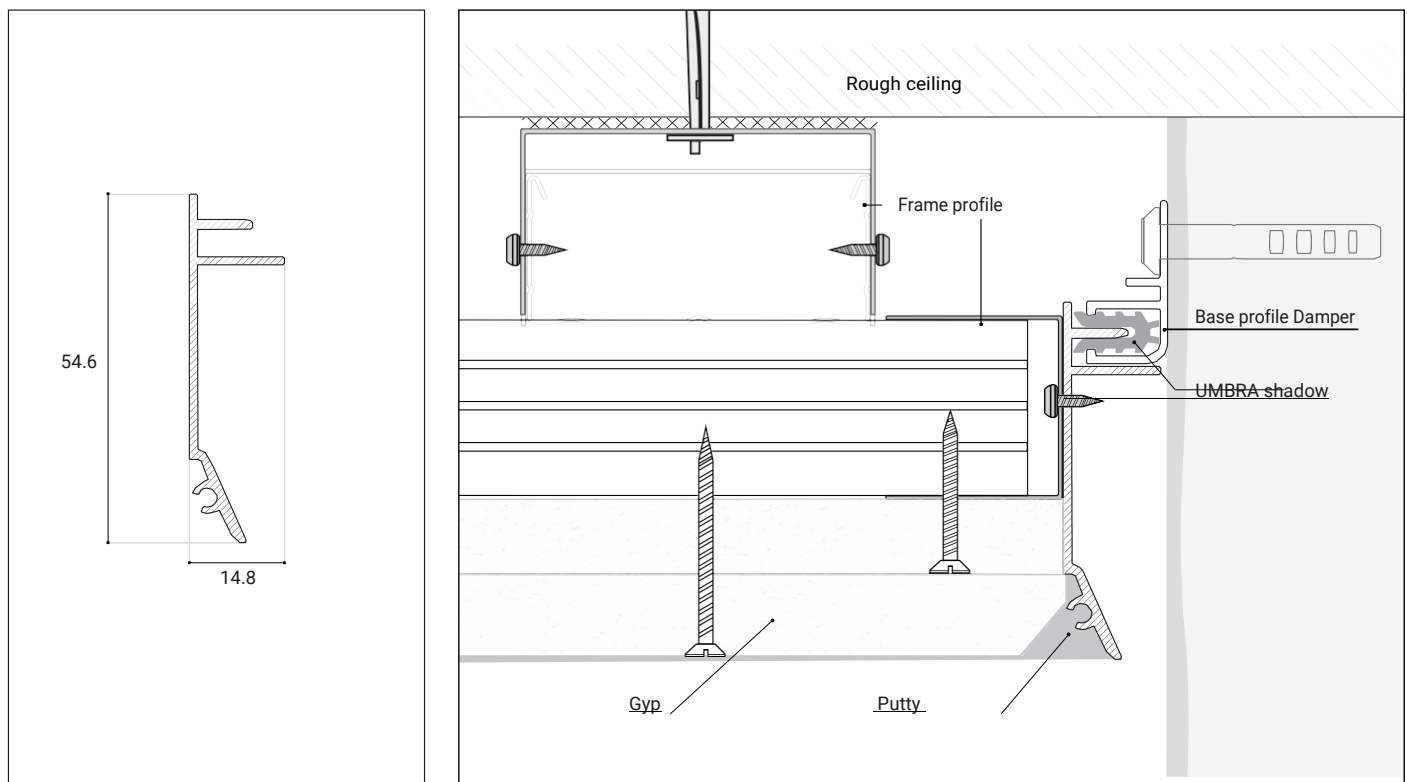
Framed constructions installation

Installation using a double-level frame and a 25 mm (total) thickness double-layer sheeting.

ATTENTION! Before installing the perimeter shadow profile, wall finishing works, including decorative coating at least at the installation site and anti-vandal surface protection shall be performed.

Installation sequence:

- 1 Before installing the perimeter shadow profile, it is necessary to apply line marking, taking into consideration that the profile bottom is on the same level as the finished ceiling surface and the base profile top is 70 mm high.
- 2 Depending on the bearing base capacity, the base profile perforation interval is chosen which varies 40-60 cm and the holes diameter of 4-6 mm.
- 3 Before installing the base profile, a polymer damper is inserted into it, pushing it through the end face into the specially designed slot.
- 4 The profile is installed using a fastener chosen by the specialist, preventing the profile from being deformed by excessive clamping force.
- 5 When rotating the profile or joining it on the straight, a flat angular or a flat straight connector is used.
- 6 Once the base profile is in its design position, you can proceed to install UMBRA perimeter shadow profile. To perform this, it is enough to join the tenon with the damper slot and press it firmly.
- 7 When rotating the profile or joining it in on the straight, an angular or a straight connector is used.
- 8 The framed construction leading profile is fixed using a self-tapping screw (no more than of 11 mm length with an interval of 40-60 cm), the profile bottom is set at the same level with the shadow profile back top. Then, the supporting profile of the ceiling frame is inserted into it. The framed construction supporting profile which is along UMBRA shadow perimeter profile is placed with an offset of no more than 200 mm.
- 9 During sheeting, you shall perceive UMBRA perimeter shadow profile attachment as the conjugation of two sheared edges and prepare it for sealing accordingly.
- 10 Before painting works, it is necessary to protect the inside shadow profile part with a paint plug. You can use an extruded polystyrene foam strip (7 mm thickness and 30 mm height).
- 11 Further surface finishing is performed according to the chosen painting method, the joint between the sheeting and the shadow perimeter profile is sealed according to the execution of works with sheared or mounting edges of the sheeting material.
- 12 Once finishing works are completed, the plug and the paint tape are removed, UMBRA shadow perimeter profile is ready to be used.



UMBRA FLOATING PROFILE

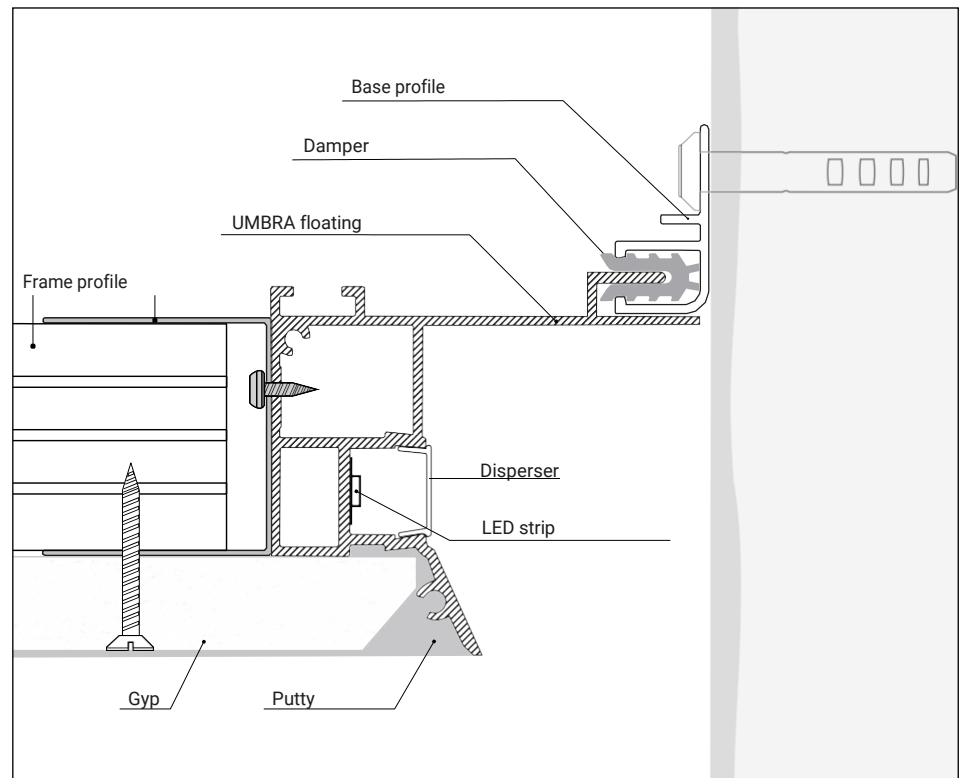
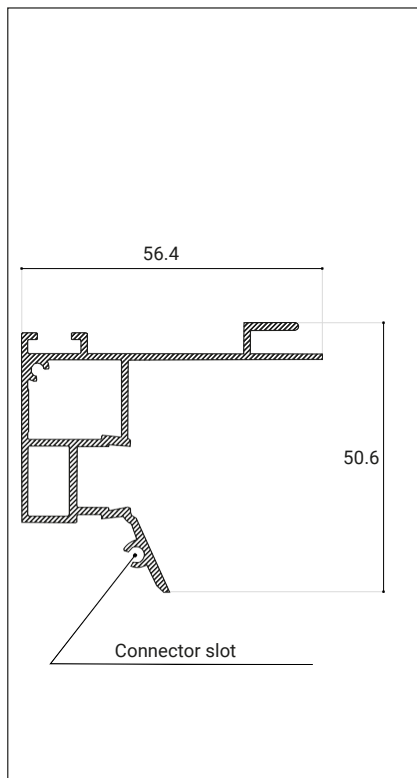
Framed constructions installation

Installation using a single-level frame and a 12.5 mm thickness single-layer sheeting.

ATTENTION! Before installing the perimeter floating profile, wall finishing works, including decorative coating at least at the installation site and anti-vandal surface protection shall be performed.

Installation sequence:

- 1 Before installing the perimeter floating profile, it is necessary to apply line marking, taking into consideration that the profile bottom is on the same level as the finished ceiling surface and the base profile top is 70 mm high.
- 2 Depending on the bearing base capacity, the base profile perforation interval is chosen which varies 40-60 cm and the holes diameter of 4-6 mm.
- 3 Before installing the base profile, a polymer damper is inserted into it, pushing it through the end face into the specially designed slot.
- 4 The profile is installed using a fastener chosen by the specialist, preventing the profile from being deformed by excessive clamping force.
- 5 When rotating the profile or joining it on the straight, a flat angular or a flat straight connector is used.
- 6 If the LED strip is connected, a hole with a diameter of 6-8 mm is made in the floating profile, the disperser shall be previously removed. The hole shall not have edges that can damage the wire, and the wires shall have insulation of sufficient thickness to safely pass through the hole.
- 7 Once the base profile is in its design position, you can proceed to install UMBRA perimeter floating profile. To perform this, it is enough to join the tenon with the damper slot and press it firmly.
- 8 When rotating the profile or joining it in on the straight, an angular or a straight connector is used.
- 9 The framed construction leading profile is fixed using a self-tapping screw (no more than of 11 mm length with an interval of 40-60 cm), the profile bottom is set at the same level with the floating profile back bottom.
- 10 During sheeting, you shall perceive UMBRA perimeter floating profile attachment as the conjugation of two sheared edges and prepare it for sealing accordingly.
- 11 Before painting works, it is necessary to protect the inside floating profile part with a paint plug. You can use an extruded polystyrene foam strip (30 mm thickness and 50 mm height).
- 12 Further surface finishing is performed according to the chosen painting method, the joint between the sheeting and the floating perimeter profile is sealed according to the execution of works with sheared or mounting edges of the sheeting material.
- 13 Once finishing works are completed, the plug and the paint tape are removed, the LED strip is connected and glued, the disperser is installed and UMBRA floating perimeter profile is ready to be used.



UMBRA FLOATING PROFILE

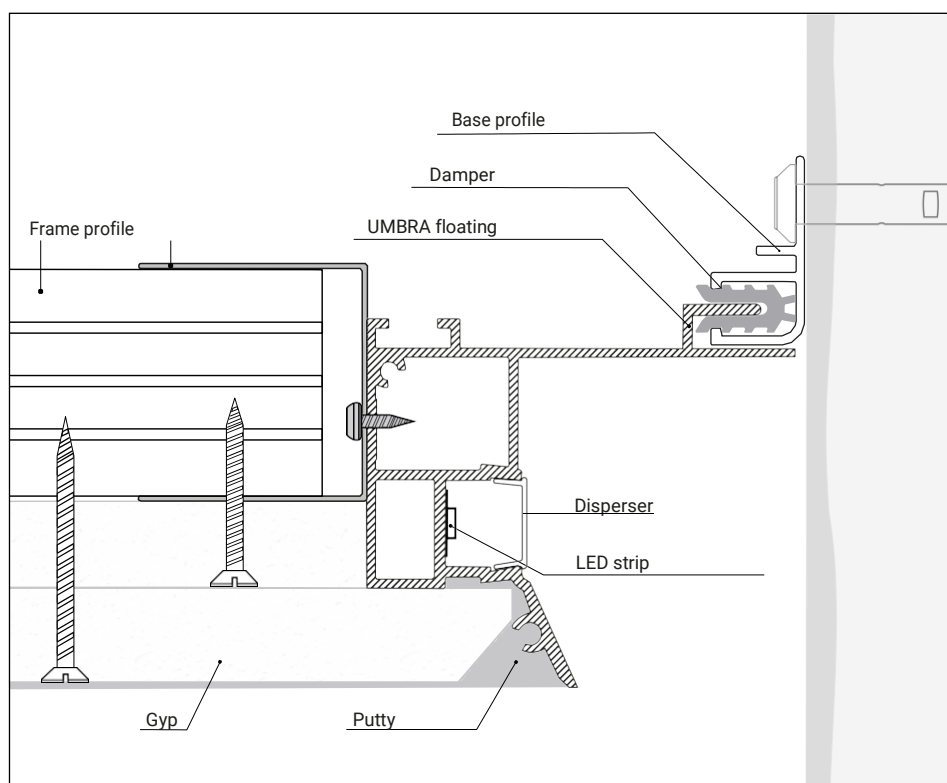
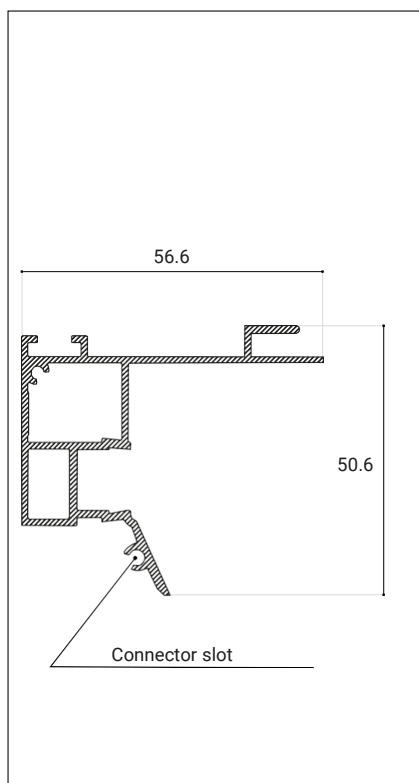
Framed constructions installation

Installation using a single-level frame and a 25 mm (total) thickness double-layer sheeting.

ATTENTION! Before installing the perimeter floating profile, wall finishing works, including decorative coating at least at the installation site and anti-vandal surface protection shall be performed.

Installation sequence:

- 1 Before installing the perimeter floating profile, it is necessary to apply line marking, taking into consideration that the profile bottom is on the same level as the finished ceiling surface and the base profile top is 70 mm high.
- 2 Depending on the bearing base capacity, the base profile perforation interval is chosen which varies 40-60 cm and the holes diameter of 4-6 mm.
- 3 Before installing the base profile, a polymer damper is inserted into it, pushing it through the end face into the specially designed slot.
- 4 The profile is installed using a fastener chosen by the specialist, preventing the profile from being deformed by excessive clamping force.
- 5 When rotating the profile or joining it on the straight, a flat angular or a flat straight connector is used.
- 6 If the LED strip is connected, a hole with a diameter of 6-8 mm is made in the floating profile, the disperser shall be previously removed. The hole shall not have edges that can damage the wire, and the wires shall have insulation of sufficient thickness to safely pass through the hole.
- 7 Once the base profile is in its design position, you can proceed to install UMBRA perimeter floating profile. To perform this, it is enough to join the tenon with the damper slot and press it firmly.
- 8 When rotating the profile or joining it in on the straight, an angular or a straight connector is used.
- 9 The framed construction leading profile is fixed using a self-tapping screw (no more than of 11 mm length with an interval of 40-60 cm), the profile bottom is set at the same level with the floating profile back bottom.
- 10 During sheeting, you shall perceive UMBRA perimeter floating profile attachment as the conjugation of two sheared edges and prepare it for sealing accordingly.
- 11 Before painting works, it is necessary to protect the inside floating profile part with a paint plug. You can use an extruded polystyrene foam strip (30 mm thickness and 50 mm height).
- 12 Further surface finishing is performed according to the chosen painting method, the joint between the sheeting and the floating perimeter profile is sealed according to the execution of works with sheared or mounting edges of the sheeting material.
- 13 Once finishing works are completed, the plug and the paint tape are removed, the LED strip is connected and glued, the disperser is installed and UMBRA floating perimeter profile is ready to be used.



UMBRA FLOATING PROFILE

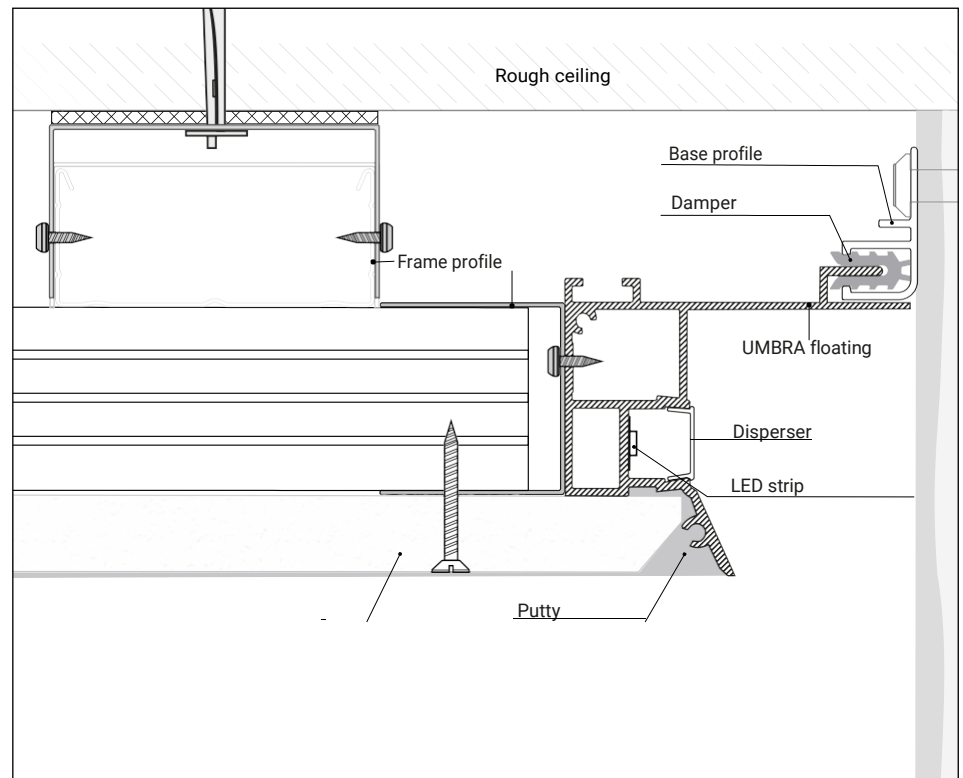
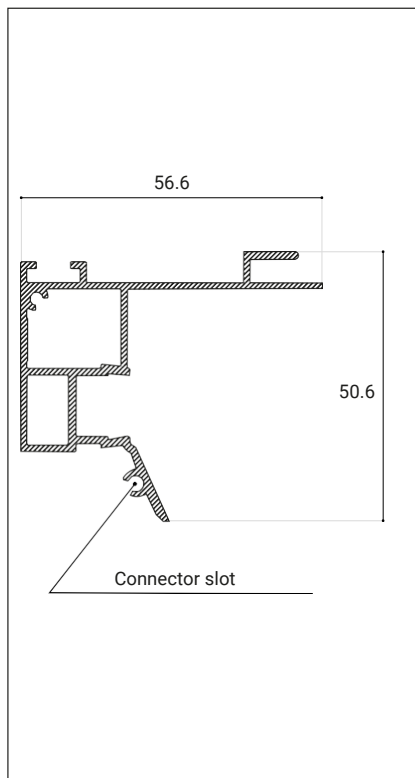
Framed constructions installation

Installation using a double-level frame and 12.5 mm thickness single-layer sheeting.

ATTENTION! Before installing the perimeter floating profile, wall finishing works, including decorative coating at least at the installation site and anti-vandal surface protection shall be performed.

Installation sequence:

- 1 Before installing the perimeter floating profile, it is necessary to apply line marking, taking into consideration that the profile bottom is on the same level as the finished ceiling surface and the base profile top is 70 mm high.
- 2 Depending on the bearing base capacity, the base profile perforation interval is chosen which varies 40-60 cm and the holes diameter of 4-6 mm.
- 3 Before installing the base profile, a polymer damper is inserted into it, pushing it through the end face into the specially designed slot.
- 4 The profile is installed using a fastener chosen by the specialist, preventing the profile from being deformed by excessive clamping force.
- 5 When rotating the profile or joining it on the straight, a flat angular or a flat straight connector is used.
- 6 If the LED strip is connected, a hole with a diameter of 6-8 mm is made in the floating profile, the disperser shall be previously removed. The hole shall not have edges that can damage the wire, and the wires shall have insulation of sufficient thickness to safely pass through the hole.
- 7 Once the base profile is in its design position, you can proceed to install UMBRA perimeter floating profile. To perform this, it is enough to join the tenon with the damper slot and press it firmly.
- 8 When rotating the profile or joining it in on the straight, an angular or a straight connector is used.
- 9 The framed construction leading profile is fixed using a self-tapping screw (no more than of 11 mm length with an interval of 40-60 cm), the profile bottom is set at the same level with the floating profile back bottom. The framed construction supporting profile along UMBRA shadow perimeter profile is placed with an offset of no more than 200 mm.
- 10 During sheeting, you shall perceive UMBRA perimeter floating profile attachment as the conjugation of two sheared edges and prepare it for sealing accordingly.
- 11 Before painting works, it is necessary to protect the inside floating profile part with a paint plug. You can use an extruded polystyrene foam strip (30 mm thickness and 50 mm height).
- 12 Further surface finishing is performed according to the chosen painting method, the joint between the sheeting and the shadow perimeter profile is sealed according to the execution of works with sheared or mounting edges of the sheeting material.
- 13 Once finishing works are completed, the plug and the paint tape are removed, the LED strip is connected and glued, the disperser is installed and UMBRA floating perimeter profile is ready to be used.



UMBRA FLOATING PROFILE

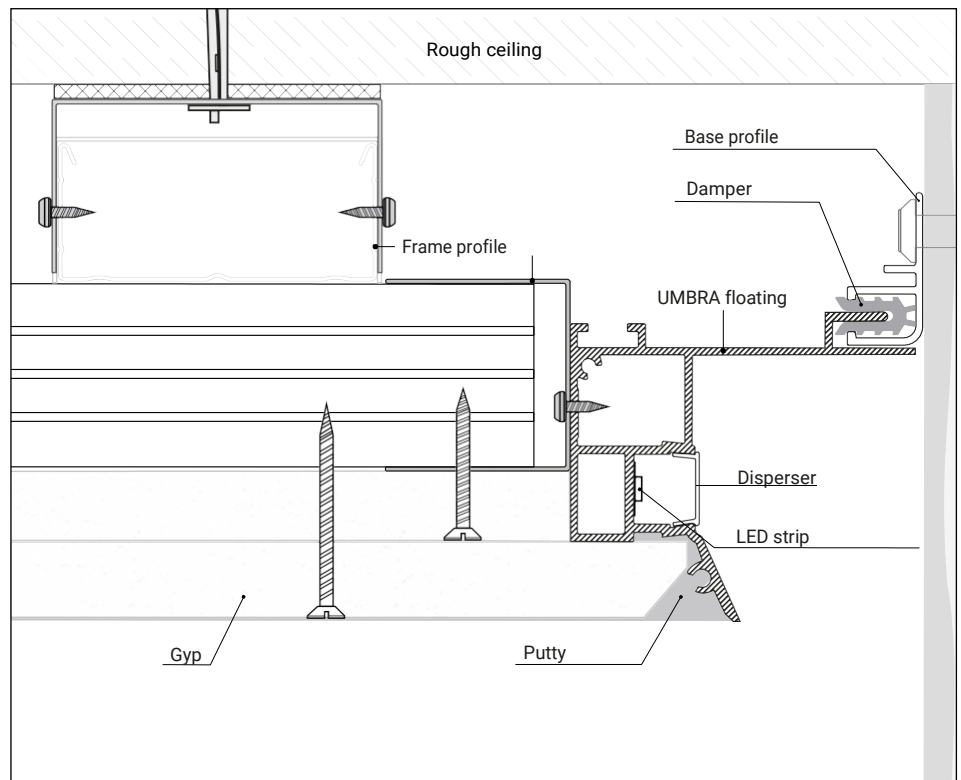
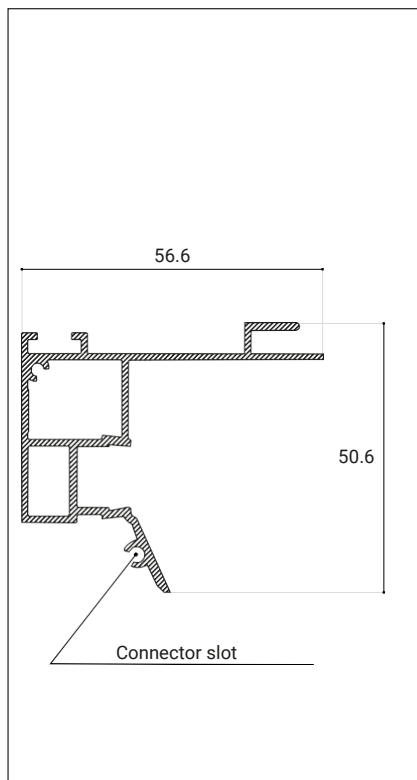
Framed constructions installation

Installation using a double-level frame and a 25 mm (total) thickness double-layer sheeting.

ATTENTION! Before installing the perimeter floating profile, wall finishing works, including decorative coating at least at the installation site and anti-vandal surface protection shall be performed.

Installation sequence:

- 1 Before installing the perimeter floating profile, it is necessary to apply line marking, taking into consideration that the profile bottom is on the same level as the finished ceiling surface and the base profile top is 70 mm high.
- 2 Depending on the bearing base capacity, the base profile perforation interval is chosen which varies 40-60 cm and the holes diameter of 4-6 mm.
- 3 Before installing the base profile, a polymer damper is inserted into it, pushing it through the end face into the specially designed slot.
- 4 The profile is installed using a fastener chosen by the specialist, preventing the profile from being deformed by excessive clamping force.
- 5 When rotating the profile or joining it on the straight, a flat angular or a flat straight connector is used.
- 6 If the LED strip is connected, a hole with a diameter of 6-8 mm is made in the floating profile, the disperser shall be previously removed. The hole shall not have edges that can damage the wire, and the wires shall have insulation of sufficient thickness to safely pass through the hole.
- 7 Once the base profile is in its design position, you can proceed to install UMBRA perimeter floating profile. To perform this, it is enough to join the tenon with the damper slot and press it firmly.
- 8 When rotating the profile or joining it in on the straight, an angular or a straight connector is used.
- 9 The framed construction leading profile is fixed using a self-tapping screw (no more than of 11 mm length with an interval of 40-60 cm), the profile bottom is set 13 mm above the lower angle of the floating profile back. Then, the supporting profile of the ceiling frame is inserted into it. The framed construction supporting profile which is along UMBRA shadow perimeter profile is placed with an offset of no more than 200 mm.
- 10 During sheeting, you shall perceive UMBRA perimeter floating profile attachment as the conjugation of two sheared edges and prepare it for sealing accordingly.
- 11 Before painting works, it is necessary to protect the inside floating profile part with a paint plug. You can use an extruded polystyrene foam strip (30 mm thickness and 50 mm height).
- 12 Further surface finishing is performed according to the chosen painting method, the joint between the sheeting and the floating perimeter profile is sealed according to the execution of works with sheared or mounting edges of the sheeting material.
- 13 Once finishing works are completed, the plug and the paint tape are removed, the LED strip is connected and glued, the disperser is installed and UMBRA floating perimeter profile is ready to be used.



UMBRA VENTILATION PROFILE

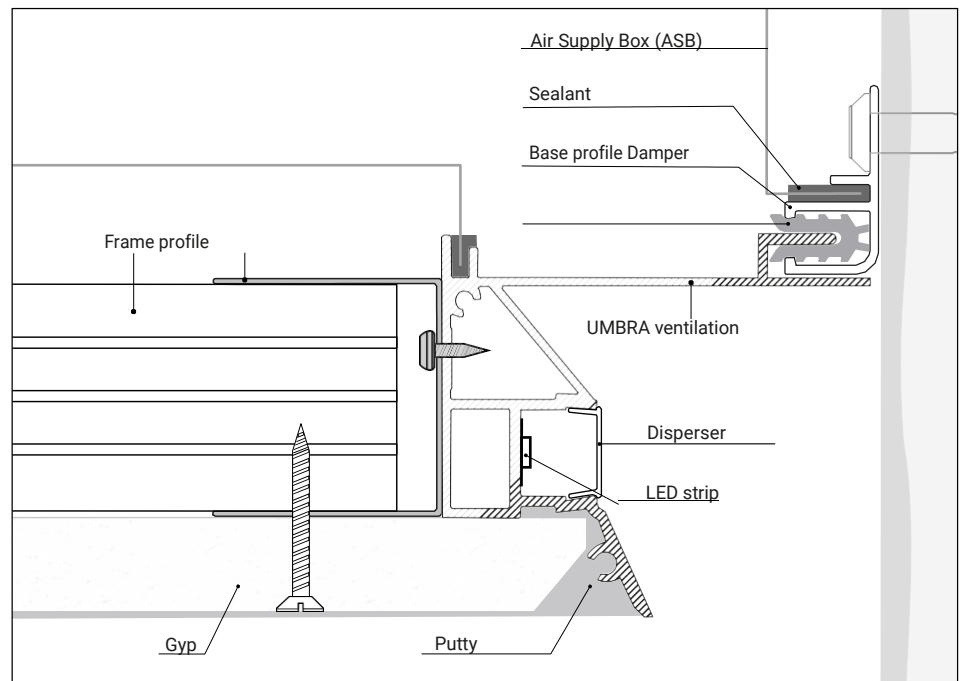
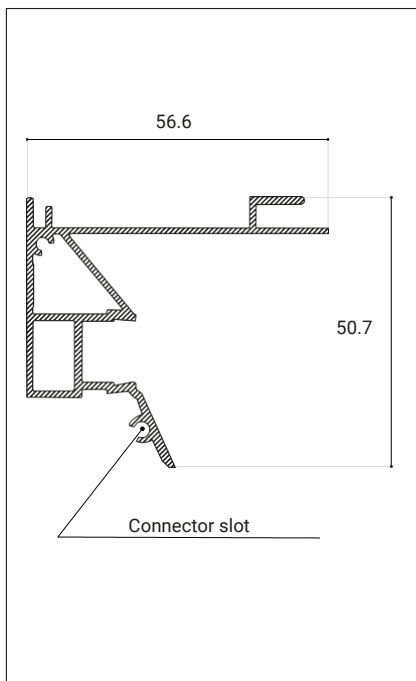
Framed constructions installation

Installation using a single-level frame and a 12.5 mm thickness single-layer sheeting.

ATTENTION! Before installing the perimeter ventilation profile, wall finishing works, including decorative coating at least at the installation site and anti-vandal surface protection shall be performed.

Installation sequence:

- 1 Before installing the perimeter ventilation profile, it is necessary to apply line marking, taking into consideration that the profile bottom is on the same level as the finished ceiling surface and the base profile top is 70 mm high having the Air Supply Box of 155 mm height without heat insulation.
- 2 Depending on the bearing base capacity, the base profile perforation interval is chosen which varies 40-60 cm and the holes diameter of 4-6 mm.
- 3 Before installing the base profile, a polymer damper is inserted into it, pushing it through the end face into the specially designed slot.
- 4 The profile is installed using a fastener chosen by the specialist, preventing the profile from being deformed by excessive clamping force.
- 5 When rotating the profile or joining it on the straight, a flat angular or a flat straight connector is used.
- 6 If the LED strip is connected, a hole with a diameter of 6-8 mm is made in the ventilation profile, the disperser shall be previously removed. The hole shall not have edges that can damage the wire, and the wires shall have insulation of sufficient thickness to safely pass through the hole.
- 7 Once the base profile is in its design position, you can proceed to install UMBRA perimeter ventilation profile. To perform this, it is enough to join the tenon with the damper slot and press it firmly.
- 8 When rotating the profile or joining it in on the straight, an angular or a straight connector is used.
- 9 If the Air Supply Box is needed and if the ventilation is connected to it, it is necessary to fill two slots on the ventilation profile with a sealant suitable for gluing powder-coated aluminum and galvanized steel, and then install the ASB in them by pressing firmly.
- 10 The recommended distance between the ASB connection nozzles to the ventilation duct shall not exceed 1 m. The pre-commissioning shall be completed before the framed construction installation.
- 11 The framed construction leading profile is fixed using a self-tapping screw (no more than of 11 mm length with an interval of 40-60 cm), the profile bottom is set at the same level with the ventilation profile back bottom.
- 12 During sheeting, you shall perceive UMBRA perimeter ventilation profile attachment as the conjugation of two sheared edges and prepare it for sealing accordingly.
- 13 Before painting works, it is necessary to protect the inside ventilation profile part with a paint plug. You can use an extruded polystyrene foam strip (30 mm thickness and 50 mm height).
- 14 Further surface finishing is performed according to the chosen painting method, the joint between the sheeting and the ventilation perimeter profile is sealed according to the execution of works with sheared or mounting edges of the sheeting material.
- 15 Once finishing works are completed, the plug and the paint tape are removed, the LED strip is connected and glued, the disperser is installed and UMBRA ventilation perimeter profile is ready to be used.



UMBRA VENTILATION PROFILE

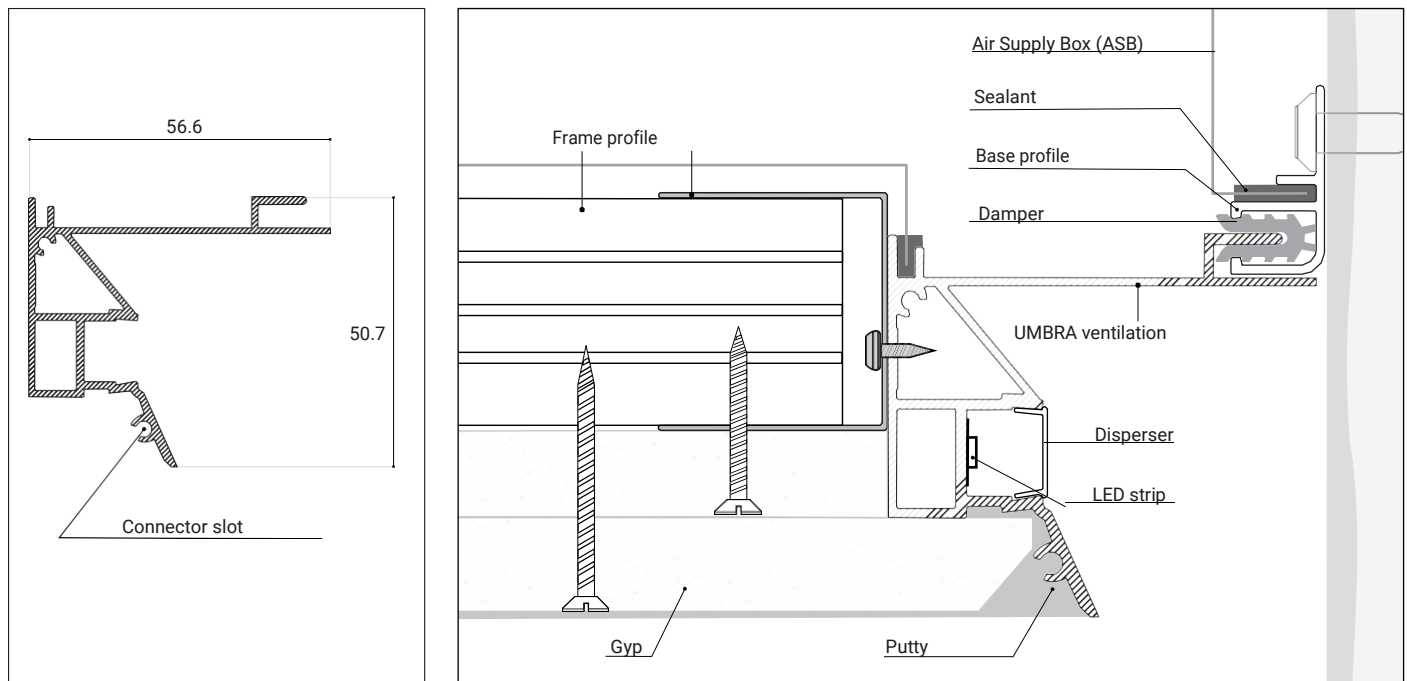
Framed constructions installation

Installation using a single-level frame and a 25 mm (total) thickness double-layer sheeting.

ATTENTION! Before installing the perimeter ventilation profile, wall finishing works, including decorative coating at least at the installation site and anti-vandal surface protection shall be performed.

Installation sequence:

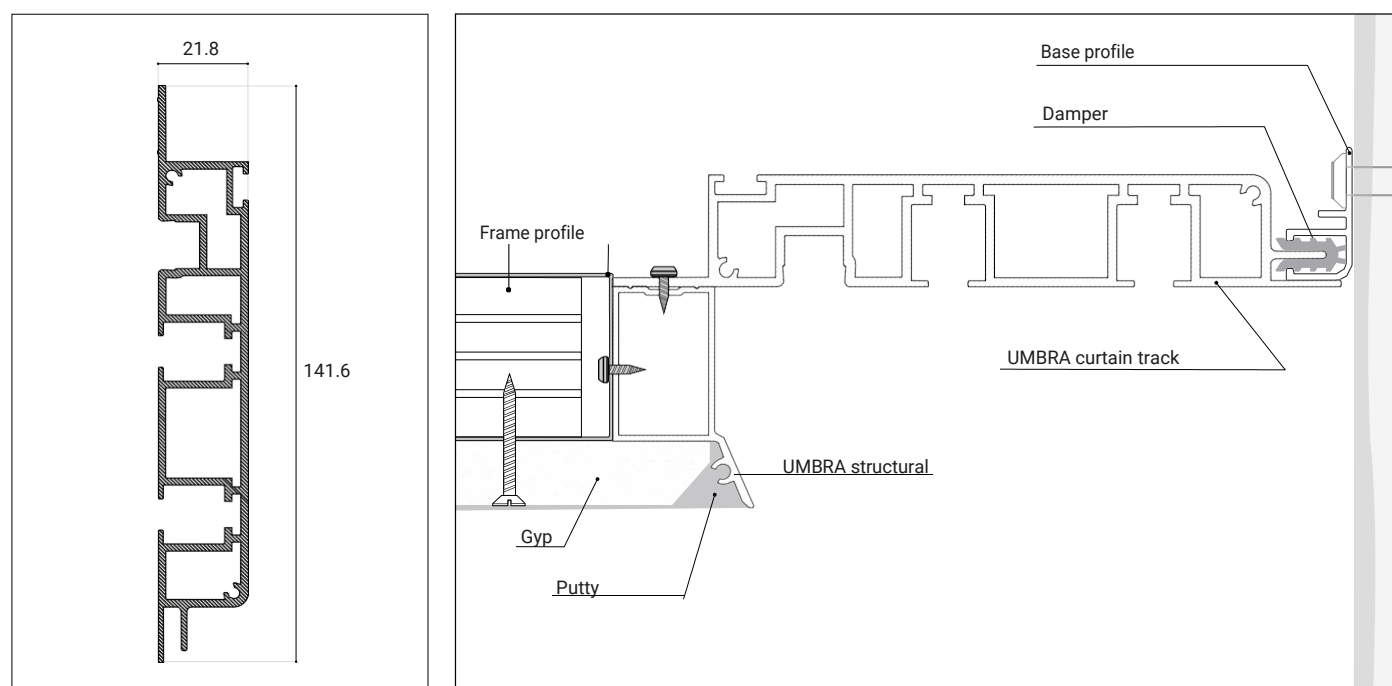
- 1 Before installing the perimeter ventilation profile, it is necessary to apply line marking, taking into consideration that the profile bottom is on the same level as the finished ceiling surface and the base profile top is 70 mm high having the Air Supply Box of 155 mm height without heat insulation.
- 2 Depending on the bearing base capacity, the base profile perforation interval is chosen which varies 40-60 cm and the holes diameter of 4-6 mm.
- 3 Before installing the base profile, a polymer damper is inserted into it, pushing it through the end face into the specially designed slot.
- 4 The profile is installed using a fastener chosen by the specialist, preventing the profile from being deformed by excessive clamping force.
- 5 When rotating the profile or joining it on the straight, a flat angular or a flat straight connector is used.
- 6 If the LED strip is connected, a hole with a diameter of 6-8 mm is made in the ventilation profile, the disperser shall be previously removed. The hole shall not have edges that can damage the wire, and the wires shall have insulation of sufficient thickness to safely pass through the hole.
- 7 Once the base profile is in its design position, you can proceed to install UMBRA perimeter ventilation profile. To perform this, it is enough to join the tenon with the damper slot and press it firmly.
- 8 When rotating the profile or joining it in on the straight, an angular or a straight connector is used.
- 9 If the Air Supply Box is needed and if the ventilation is connected to it, it is necessary to fill two slots on the ventilation profile with a sealant suitable for gluing powder-coated aluminum and galvanized steel, and then install the ASB in them by pressing firmly.
- 10 The recommended distance between the ASB connection nozzles to the ventilation duct shall not exceed 1 m. The pre-commissioning shall be completed before the framed construction installation.
- 11 The framed construction leading profile is fixed using a self-tapping screw (no more than of 11 mm length with an interval of 40-60 cm), the profile bottom is set 13 mm above the lower angle of the ventilation profile back.
- 12 During sheeting, you shall perceive UMBRA perimeter ventilation profile attachment as the conjugation of two sheared edges and prepare it for sealing accordingly.
- 13 Before painting works, it is necessary to protect the inside ventilation profile part with a paint plug. You can use an extruded polystyrene foam strip (30 mm thickness and 50 mm height).
- 14 Further surface finishing is performed according to the chosen painting method, the joint between the sheeting and the ventilation perimeter profile is sealed according to the execution of works with sheared or mounting edges of the sheeting material.
- 15 Once finishing works are completed, the plug and the paint tape are removed, the LED strip is connected and glued, the disperser is installed and UMBRA ventilation perimeter profile is ready to be used.



Framed constructions installation

ATTENTION! Before installing the perimeter ventilation profile, wall finishing works, including decorative coating at least at the installation site and anti-vandal surface protection shall be performed.

- 1 Before installing the curtain track profile, it is necessary to apply line marking, taking into consideration that the profile bottom is on the same level as the finished ceiling surface and the base profile top is 70 mm high.
- 2 Depending on the bearing base capacity, the base profile perforation interval is chosen which varies 40-60 cm and the holes diameter of 4-6 mm.
- 3 Before installing the base profile, a polymer damper is inserted into it, pushing it through the end face into the specially designed slot.
- 4 The profile is installed using a fastener chosen by the specialist, preventing the profile from being deformed by excessive clamping force.
- 5 When rotating the profile or joining it on the straight, a flat angular or a flat straight connector is used.
- 6 If the LED strip is connected, a hole with a diameter of 6-8 mm is made in the curtain track or structural profile, the disperser shall be previously removed. The hole shall not have edges that can damage the wire, and the wires shall have insulation of sufficient thickness to safely pass through the hole.
- 7 Once the base profile is in its design position, you can proceed to install UMBRA curtain track profile by pre-screwing the plugs at the ends and the structural or structural profile with illumination from below. The structural profile shall be fixed using a self-tapping screw (no more than of 11 mm length with intervals of 40-60 cm), cutting it at an angle of 45° at the curtain track ends.
- 8 To install the curtain track profile, it is enough to joint the tenon with the damper slot and press it firmly.
- 9 When rotating the profile or joining it in on the straight, an angular or a straight connector is used.
- 10 The framed construction leading profile is fixed using a self-tapping screw (no more than of 11 mm length with an interval of 40-60 cm), the profile bottom is set at the same level with the curtain track profile back bottom.
- 11 During sheeting, you shall perceive UMBRA curtain track profile attachment as the conjugation of two sheared edges and prepare it for sealing accordingly.
- 12 Before painting works, it is necessary to protect the inside floating profile part with a paint plug. You can use an extruded polystyrene foam strip (150 mm width and 50 mm height).
- 13 Further surface finishing is performed according to the chosen painting method, the joint between the sheeting and the curtain track profile is sealed according to the execution of works with sheared or mounting edges of the sheeting material.
- 14 Once finishing works are completed, the plug and the paint tape are removed, the hooked rollers are inserted into the slot and the plug is screwed on, then the canvas is hung, the LED strip is connected and glued, the disperser is installed and UMBRA curtain track profile is ready to be used.



UMBRA CURTAIN TRACK PROFILE (115 MM WIDTH)

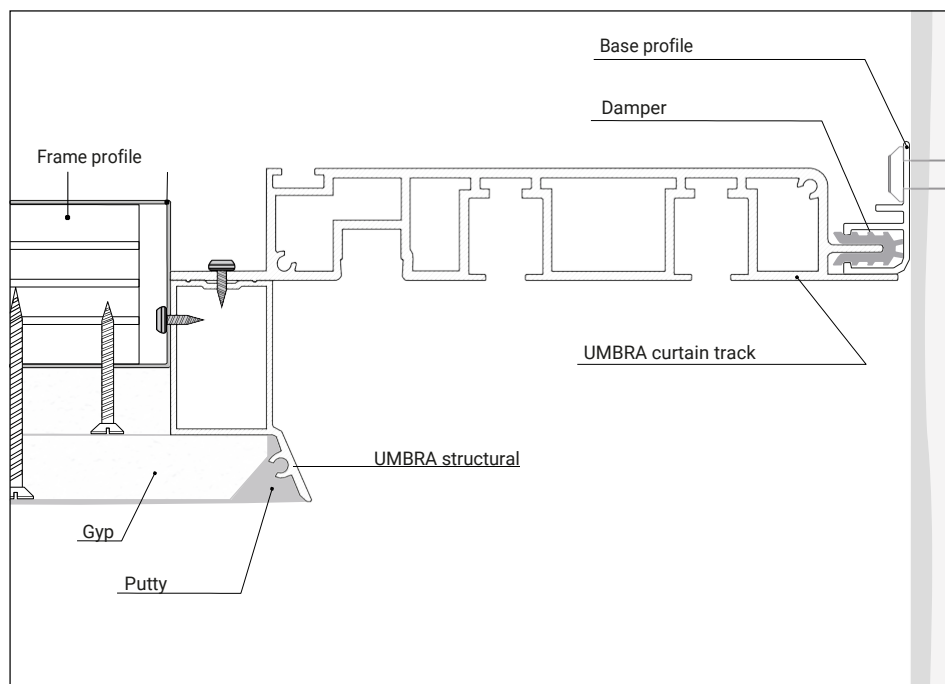
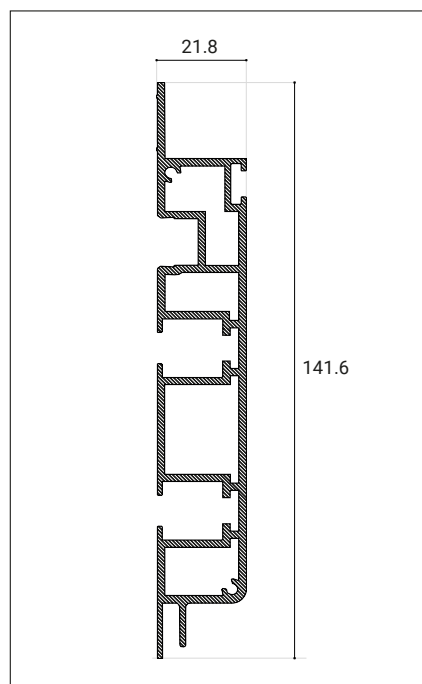
Framed constructions installation

Installation along the wall, using a single-level frame and a 25 mm (total) thickness double-layer sheeting .

ATTENTION! Before installing the perimeter ventilation profile, wall finishing works, including decorative coating at least at the installation site and anti-vandal surface protection shall be performed.

Installation sequence:

- 1 Before installing the curtain track profile, it is necessary to apply line marking, taking into consideration that the profile bottom is on the same level as the finished ceiling surface and the base profile top is 70 mm high.
- 2 Depending on the bearing base capacity, the base profile perforation interval is chosen which varies 40-60 cm and the holes diameter of 4-6 mm.
- 3 Before installing the base profile, a polymer damper is inserted into it, pushing it through the end face into the specially designed slot.
- 4 The profile is installed using a fastener chosen by the specialist, preventing the profile from being deformed by excessive clamping force.
- 5
- 6 When rotating the profile or joining it on the straight, a flat angular or a flat straight connector is used.
- 7 If the LED strip is connected, a hole with a diameter of 6-8 mm is made in the curtain track or structural profile, the disperser shall be previously removed. The hole shall not have edges that can damage the wire, and the wires shall have insulation of sufficient thickness to safely pass through the hole.
- 8 Once the base profile is in its design position, you can proceed to install UMBRA curtain track profile by pre-screwing the plugs at the ends and the structural or structural profile with illumination from below. The structural profile shall be fixed using a self-tapping screw (no more than of 11 mm length with intervals of 40-60 cm), cutting it at an angle of 45° at the curtain track ends.
- 9 To install the curtain track profile, it is enough to joint the tenon with the damper slot and press it firmly.
- 10 When rotating the profile or joining it in on the straight, an angular or a straight connector is used.
- 11 The framed construction leading profile is fixed using a self-tapping screw (no more than of 11 mm length with an interval of 40-60 cm), the profile bottom is set 13 mm above the lower angle of the curtain track profile back.
During sheeting, you shall perceive UMBRA curtain track profile attachment as the conjugation of two sheared edges and prepare it for sealing accordingly.
- 12 Before painting works, it is necessary to protect the inside floating profile part with a paint plug. You can use an extruded polystyrene foam strip (150 mm width and 50 mm height).
- 13 Further surface finishing is performed according to the chosen painting method, the joint between the sheeting and the curtain track profile is sealed according to the execution of works with sheared or mounting edges of the sheeting material.
- 14 Once finishing works are completed, the plug and the paint tape are removed, the hooked rollers are inserted into the slot and the plug is screwed on, then the canvas is hung, the LED strip is connected and glued, the disperser is installed and UMBRA curtain track profile is ready to be used.



UMBRA CURTAIN TRACK PROFILE (115 MM WIDTH)

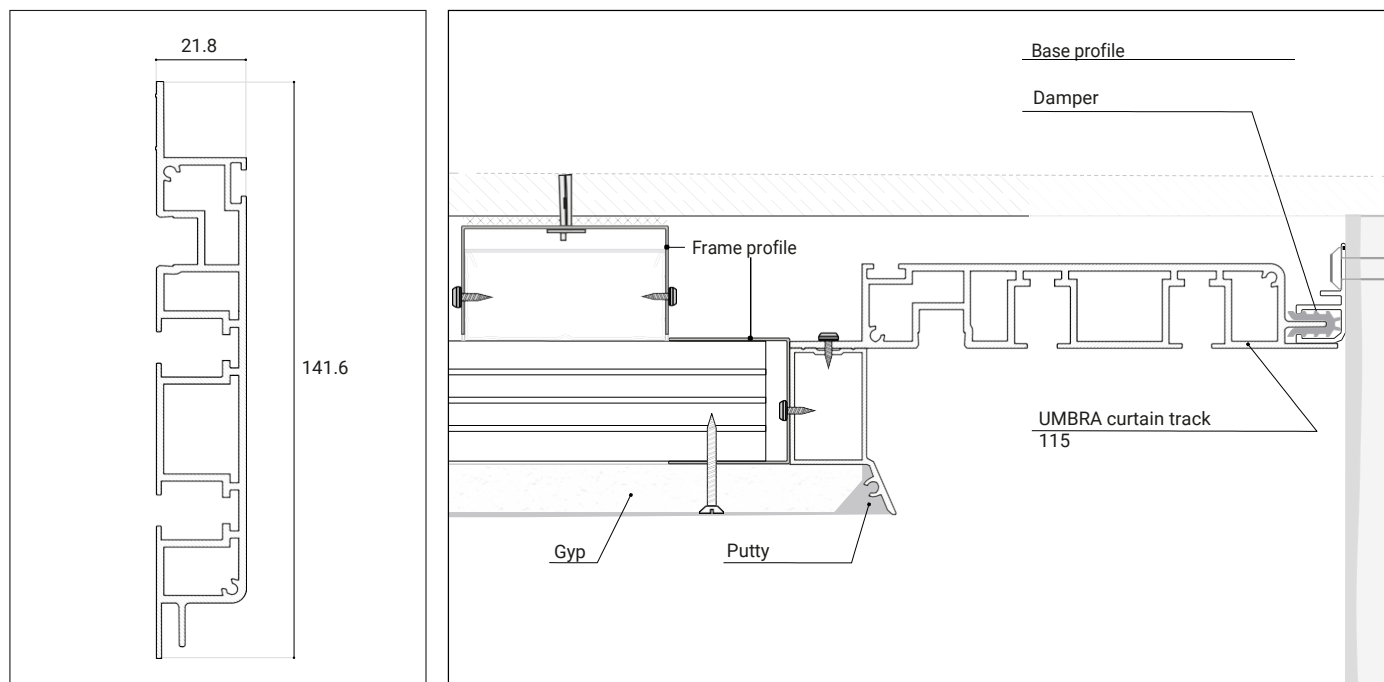
Framed constructions installation

Installation along the wall, using a double-level frame and 12.5 mm thickness single-layer sheeting.

ATTENTION! Before installing the perimeter ventilation profile, wall finishing works, including decorative coating at least at the installation site and anti-vandal surface protection shall be performed.

Installation sequence:

- 1 Before installing the curtain track profile, it is necessary to apply line marking, taking into consideration that the profile bottom is on the same level as the finished ceiling surface and the base profile top is 70 mm high.
- 2 Depending on the bearing base capacity, the base profile perforation interval is chosen which varies 40-60 cm and the holes diameter of 4-6 mm.
- 3 Before installing the base profile, a polymer damper is inserted into it, pushing it through the end face into the specially designed slot.
- 4 The profile is installed using a fastener chosen by the specialist, preventing the profile from being deformed by excessive clamping force.
- 5 When rotating the profile or joining it on the straight, a flat angular or a flat straight connector is used.
- 6 If the LED strip is connected, a hole with a diameter of 6-8 mm is made in the curtain track or structural profile, the disperser shall be previously removed. The hole shall not have edges that can damage the wire, and the wires shall have insulation of sufficient thickness to safely pass through the hole.
- 7 Once the base profile is in its design position, you can proceed to install UMBRA curtain track profile by pre-screwing the plugs at the ends and the structural or structural profile with illumination from below. The structural profile shall be fixed using a self-tapping screw (no more than of 11 mm length with intervals of 40-60 cm), cutting it at an angle of 45° at the curtain track ends.
- 8 To install the curtain track profile, it is enough to joint the tenon with the damper slot and press it firmly.
- 9 When rotating the profile or joining it in on the straight, an angular or a straight connector is used.
- 10 The framed construction leading profile is fixed using a self-tapping screw (no more than of 11 mm length with an interval of 40-60 cm), the profile bottom is set at the same level with the curtain track profile back bottom. Then, the supporting profile of the ceiling frame is inserted into it. The framed construction supporting profile along UMBRA curtain track profile is placed with an offset of no more than 200 mm.
- 11 During sheeting, you shall perceive UMBRA curtain track profile attachment as the conjugation of two sheared edges and prepare it for sealing accordingly.
- 12 Before painting works, it is necessary to protect the inside curtain track profile part with a paint plug. You can use an extruded polystyrene foam strip (150 mm width and 50 mm height).
- 13 Further surface finishing is performed according to the chosen painting method, the joint between the sheeting and the curtain track profile is sealed according to the execution of works with sheared or mounting edges of the sheeting material.
- 14 Once finishing works are completed, the plug and the paint tape are removed, the hooked rollers are inserted into the slot and the plug is screwed on, then the canvas is hung, the LED strip is connected and glued, the disperser is installed and UMBRA curtain track profile is ready to be used.



UMBRA CURTAIN TRACK PROFILE (115 MM WIDTH)

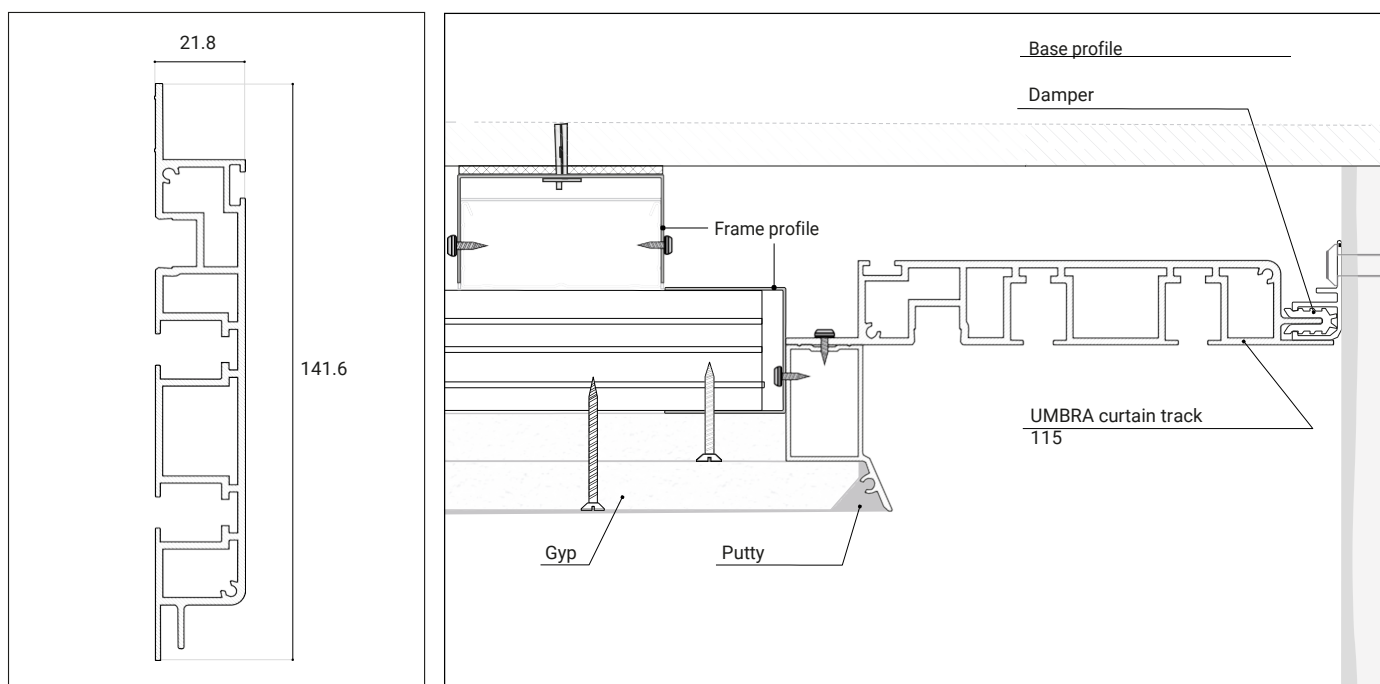
Framed constructions installation

Installation along the wall, using a double-level frame and a 25 mm (total) thickness double-layer sheeting.

ATTENTION! Before installing the perimeter ventilation profile, wall finishing works, including decorative coating at least at the installation site and anti-vandal surface protection shall be performed.

Installation sequence:

- 1 Before installing the curtain track profile, it is necessary to apply line marking, taking into consideration that the profile bottom is on the same level as the finished ceiling surface and the base profile top is 70 mm high.
- 2 Depending on the bearing base capacity, the base profile perforation interval is chosen which varies 40-60 cm and the holes diameter of 4-6 mm.
- 3 Before installing the base profile, a polymer damper is inserted into it, pushing it through the end face into the specially designed slot.
- 4 The profile is installed using a fastener chosen by the specialist, preventing the profile from being deformed by excessive clamping force.
- 5 When rotating the profile or joining it on the straight, a flat angular or a flat straight connector is used.
- 6 If the LED strip is connected, a hole with a diameter of 6-8 mm is made in the curtain track or structural profile, the disperser shall be previously removed. The hole shall not have edges that can damage the wire, and the wires shall have insulation of sufficient thickness to safely pass through the hole.
- 7 Once the base profile is in its design position, you can proceed to install UMBRA curtain track profile by pre-screwing the plugs at the ends and the structural or structural profile with illumination from below. The structural profile shall be fixed using a self-tapping screw (no more than of 11 mm length with intervals of 40-60 cm), cutting it at an angle of 45° at the curtain track ends.
- 8 To install the curtain track profile, it is enough to joint the tenon with the damper slot and press it firmly.
- 9 When rotating the profile or joining it in on the straight, an angular or a straight connector is used.
- 10 The framed construction leading profile is fixed using a self-tapping screw (no more than of 11 mm length with an interval of 40-60 cm), the profile bottom is set at the same level with the curtain track profile back bottom. Then, the supporting profile of the ceiling frame is inserted into it. The framed construction supporting profile along UMBRA curtain track profile is placed with an offset of no more than 200 mm.
- 11 During sheeting, you shall perceive UMBRA curtain track profile attachment as the conjugation of two sheared edges and prepare it for sealing accordingly.
- 12 Before painting works, it is necessary to protect the inside curtain track profile part with a paint plug. You can use an extruded polystyrene foam strip (150 mm width and 50 mm height).
- 13 Further surface finishing is performed according to the chosen painting method, the joint between the sheeting and the curtain track profile is sealed according to the execution of works with sheared or mounting edges of the sheeting material.
- 14 Once finishing works are completed, the plug and the paint tape are removed, the hooked rollers are inserted into the slot and the plug is screwed on, then the canvas is hung, the LED strip is connected and glued, the disperser is installed and UMBRA curtain track profile is ready to be used.



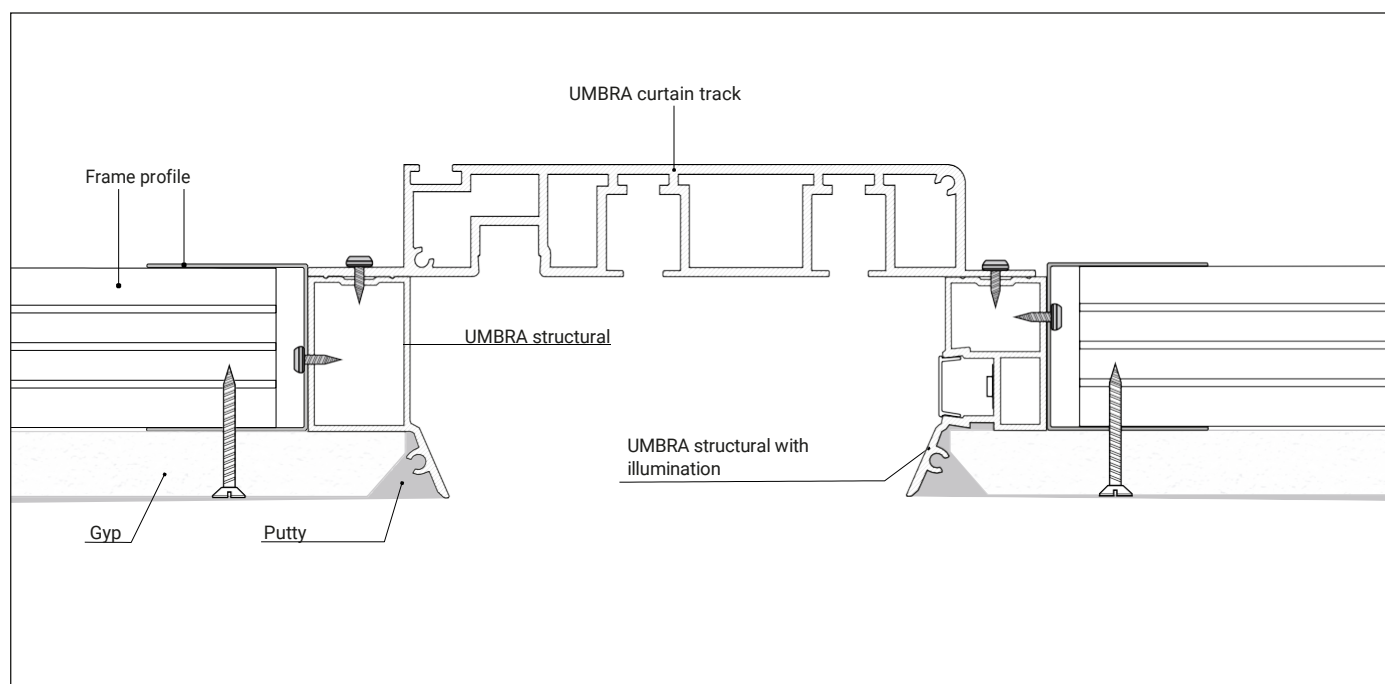
UMBRA CURTAIN TRACK PROFILE (115 MM WIDTH)

Framed constructions installation

The ceiling installation in the framed construction, using a single-level frame and 12.5 mm thickness single-layer sheeting.

Installation sequence:

- 1 Before installing the curtain track profile, it is necessary to apply line marking, taking into consideration that the profile bottom is on the same level as the finished ceiling surface and the base profile top is 65 mm high.
- 2 When installing the curtain track profile at a free distance from the wall, the protrusion tenon of the damper assembly shall be removed using an angle grinder incision.
- 3 To place UMBRA curtain track profile its design position, it is necessary to pre-screw a structural or illuminated structural profile to its lower part. The structural profile shall be fixed using a self-tapping screw (no more than of 11 mm length with intervals of 40-60 cm), cutting it at an angle of 45° at the curtain track ends.
- 4 If the LED strip is connected, a hole with a diameter of 6-8 mm is made in the curtain track or structural profile, the disperser shall be previously removed. The hole shall not have edges that can damage the wire, and the wires shall have insulation of sufficient thickness to safely pass through the hole.
- 5 Then the curtain track profile shall be fixed to the ceiling using mounting angles or brackets.
- 6 Depending on the bearing base capacity, the base profile perforation interval is chosen which varies 40-60 cm, using self-tapping screws (no more than of 11 mm length) twisted into the vertical curtain track profile flatness.
- 7 The framed construction leading profile is fixed using a self-tapping screw (no more than of 11 mm length with an interval of 40-60 cm), the profile bottom is set at the same level with the curtain track profile back bottom.
- 8 During sheeting, you shall perceive UMBRA curtain track profile attachment as the conjugation of two sheared edges and prepare it for sealing accordingly.
- 9 Before painting works, it is necessary to protect the inside floating profile part with a paint plug. You can use an extruded polystyrene foam strip (150 mm width and 50 mm height).
- 10 Further surface finishing is performed according to the chosen painting method, the joint between the sheeting and the curtain track profile is sealed according to the execution of works with sheared or mounting edges of the sheeting material.
- 11 Once finishing works are completed, the plug and the paint tape are removed, the hooked rollers are inserted into the slot and the plug is screwed on, then the canvas is hung, the LED strip is connected and glued, the disperser is installed and UMBRA curtain track profile is ready to be used.



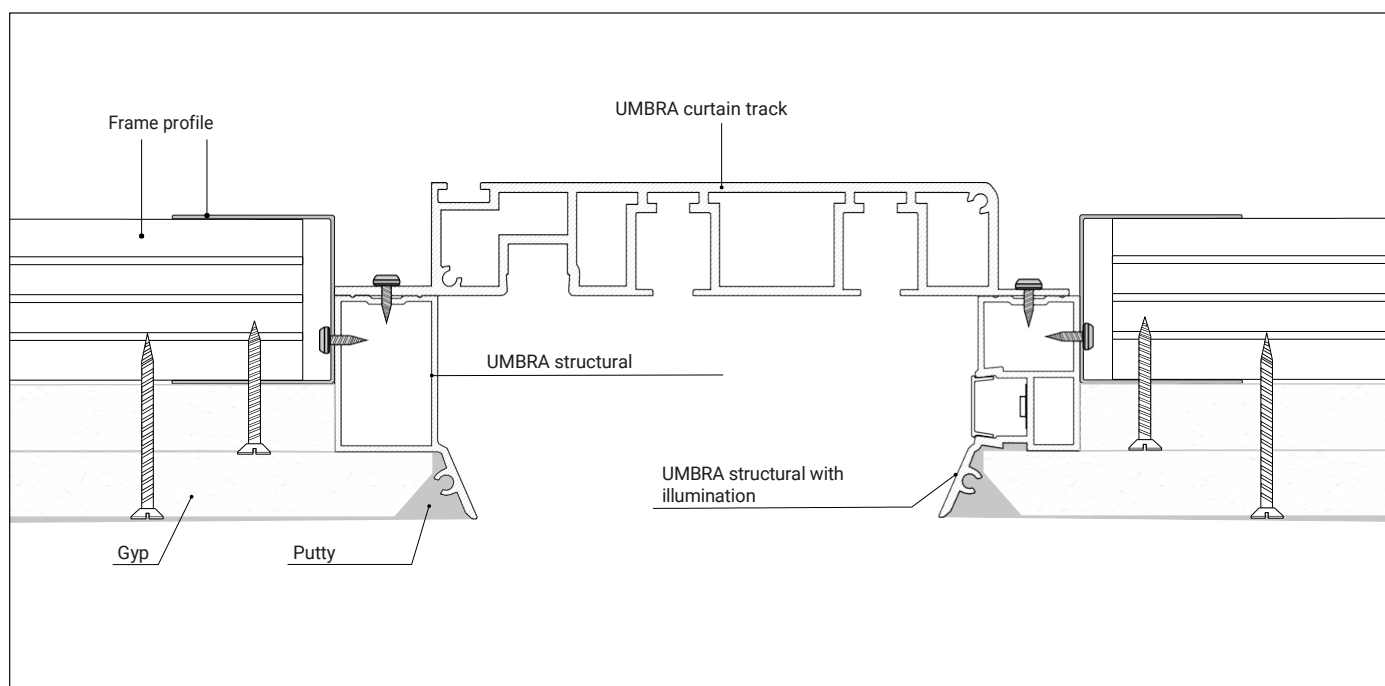
UMBRA CURTAIN TRACK PROFILE (115 MM WIDTH)

Framed constructions installation

The ceiling installation in the framed construction, using a single-level frame and a 25 mm thickness (total) double-layer sheeting.

Installation sequence:

- 1 Before installing the curtain track profile, it is necessary to apply line marking, taking into consideration that the profile bottom is on the same level as the finished ceiling surface and the base profile top is 65 mm high.
- 2 When installing the curtain track profile at a free distance from the wall, the protrusion tenon of the damper assembly shall be removed using an angle grinder incision.
- 3 To place UMBRA curtain track profile its design position, it is necessary to pre-screw a structural or illuminated structural profile to its lower part. The structural profile shall be fixed using a self-tapping screw (no more than of 11 mm length with intervals of 40-60 cm), cutting it at an angle of 45° at the curtain track ends.
- 4 If the LED strip is connected, a hole with a diameter of 6-8 mm is made in the curtain track or structural profile, the disperser shall be previously removed. The hole shall not have edges that can damage the wire, and the wires shall have insulation of sufficient thickness to safely pass through the hole.
- 5 Then the curtain track profile shall be fixed to the ceiling using mounting angles or brackets.
- 6 Depending on the bearing base capacity, the base profile perforation interval is chosen which varies 40-60 cm, using self-tapping screws (no more than of 11 mm length) twisted into the vertical curtain track profile flatness.
- 7 The framed construction leading profile is fixed using a self-tapping screw (no more than of 11 mm length with an interval of 40-60 cm), the profile bottom is set 13 mm above the lower angle of the curtain track profile back.
- 8 During sheeting, you shall perceive UMBRA curtain track profile attachment as the conjugation of two sheared edges and prepare it for sealing accordingly.
- 9 Before painting works, it is necessary to protect the inside floating profile part with a paint plug. You can use an extruded polystyrene foam strip (150 mm width and 50 mm height).
- 10 Further surface finishing is performed according to the chosen painting method, the joint between the sheeting and the curtain track profile is sealed according to the execution of works with sheared or mounting edges of the sheeting material.
- 11 Once finishing works are completed, the plug and the paint tape are removed, the hooked rollers are inserted into the slot and the plug is screwed on, then the canvas is hung, the LED strip is connected and glued, the disperser is installed and UMBRA curtain track profile is ready to be used.



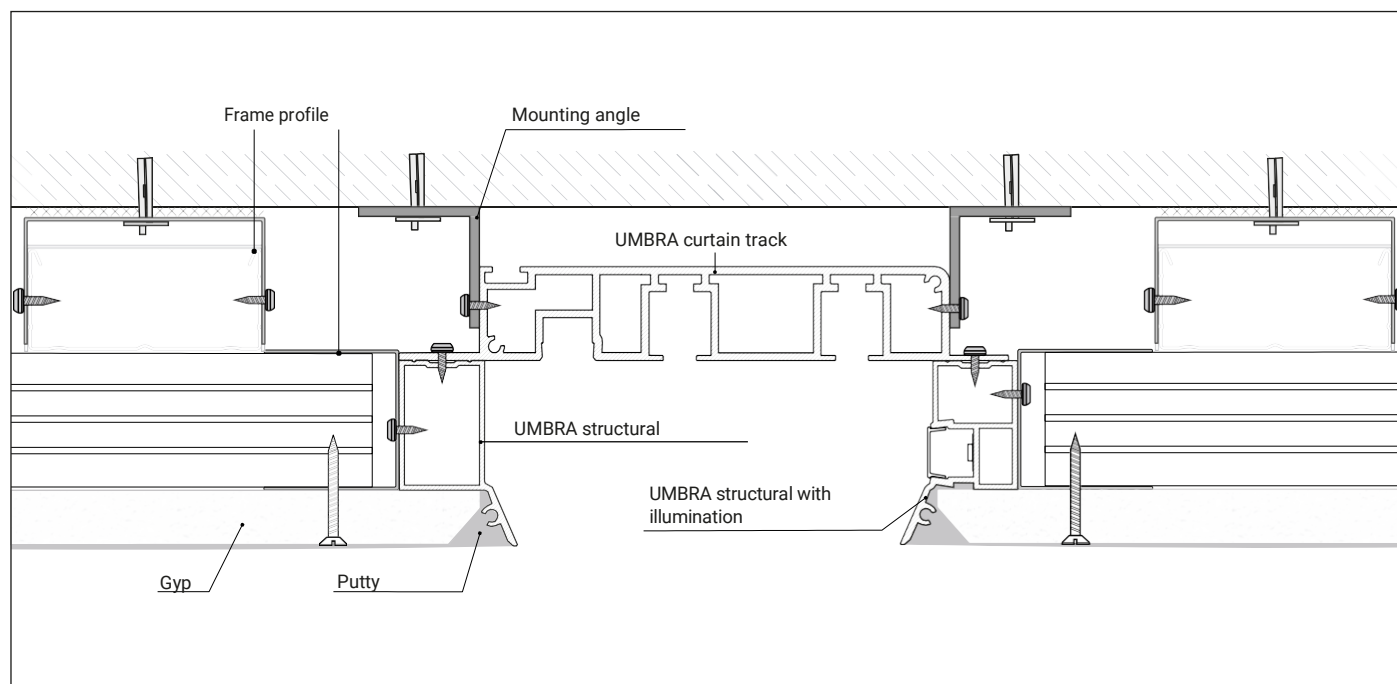
UMBRA CURTAIN TRACK PROFILE (115 MM WIDTH)

Framed constructions installation

The ceiling installation in the framed construction, using a double-level frame and 12.5 mm thickness single-layer sheeting.

Installation sequence:

- 1 Before installing the curtain track profile, it is necessary to apply line marking, taking into consideration that the profile bottom is on the same level as the finished ceiling surface and the base profile top is 65 mm high.
- 2 When installing the curtain track profile at a free distance from the wall, the protrusion tenon of the damper assembly shall be removed using an angle grinder incision.
- 3 To place UMBRA curtain track profile its design position, it is necessary to pre-screw a structural or illuminated structural profile to its lower part. The structural profile shall be fixed using a self-tapping screw (no more than of 11 mm length with intervals of 40-60 cm), cutting it at an angle of 45° at the curtain track ends.
- 4 If the LED strip is connected, a hole with a diameter of 6-8 mm is made in the curtain track or structural profile, the disperser shall be previously removed. The hole shall not have edges that can damage the wire, and the wires shall have insulation of sufficient thickness to safely pass through the hole.
- 5 Then the curtain track profile shall be fixed to the ceiling using mounting angles or brackets.
- 6 Depending on the bearing base capacity, the base profile perforation interval is chosen which varies 40-60 cm, using self-tapping screws (no more than of 11 mm length) twisted into the vertical curtain track profile flatness.
- 7 The framed construction leading profile is fixed using a self-tapping screw (no more than of 11 mm length with an interval of 40-60 cm), the profile bottom is set at the same level with the curtain track profile back bottom. Then, the supporting profile of the ceiling frame is inserted into it. The framed construction supporting profile along UMBRA curtain track profile is placed with an offset of no more than 200 mm.
- 8 During sheeting, you shall perceive UMBRA curtain track profile attachment as the conjugation of two sheared edges and prepare it for sealing accordingly.
- 9 Before painting works, it is necessary to protect the inside curtain track profile part with a paint plug. You can use an extruded polystyrene foam strip (150 mm width and 50 mm height).
- 10 Further surface finishing is performed according to the chosen painting method, the joint between the sheeting and the curtain track profile is sealed according to the execution of works with sheared or mounting edges of the sheeting material.
- 11 Once finishing works are completed, the plug and the paint tape are removed, the hooked rollers are inserted into the slot and the plug is screwed on, then the canvas is hung, the LED strip is connected and glued, the disperser is installed and UMBRA curtain track profile is ready to be used.



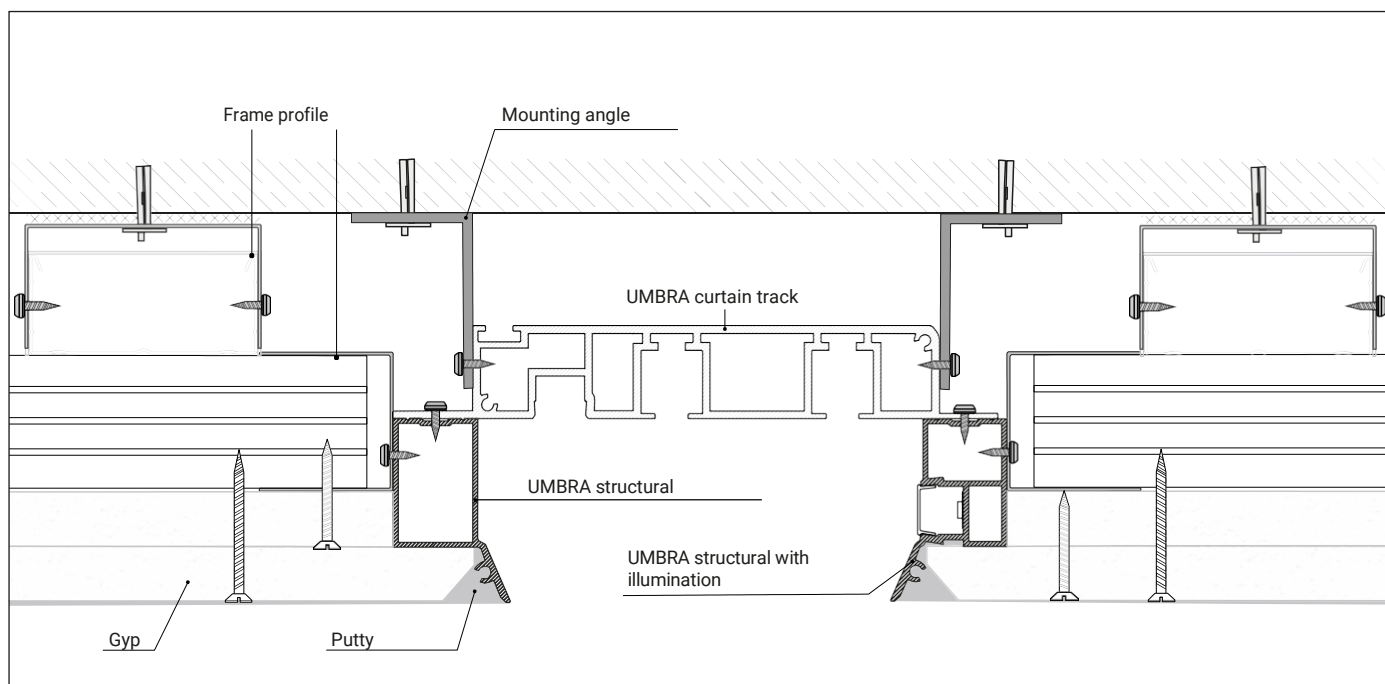
UMBRA CURTAIN TRACK PROFILE (115 MM WIDTH)

Framed constructions installation

The ceiling installation in the framed construction, using a double-level frame and a 25 mm thickness (total) double-layer sheeting.

Installation sequence:

- 1 Before installing the curtain track profile, it is necessary to apply line marking, taking into consideration that the profile bottom is on the same level as the finished ceiling surface and the base profile top is 65 mm high.
- 2 When installing the curtain track profile at a free distance from the wall, the protrusion tenon of the damper assembly shall be removed using an angle grinder incision.
- 3 To place UMBRA curtain track profile its design position, it is necessary to pre-screw a structural or illuminated structural profile to its lower part. The structural profile shall be fixed using a self-tapping screw (no more than of 11 mm length with intervals of 40-60 cm), cutting it at an angle of 45° at the curtain track ends.
- 4 If the LED strip is connected, a hole with a diameter of 6-8 mm is made in the curtain track or structural profile, the disperser shall be previously removed. The hole shall not have edges that can damage the wire, and the wires shall have insulation of sufficient thickness to safely pass through the hole.
- 5 Then the curtain track profile shall be fixed to the ceiling using mounting angles or brackets.
- 6 Depending on the bearing base capacity, the base profile perforation interval is chosen which varies 40-60 cm, using self-tapping screws (no more than of 11 mm length) twisted into the vertical curtain track profile flatness.
- 7 The framed construction leading profile is fixed using a self-tapping screw (no more than of 11 mm length with an interval of 40-60 cm), the profile bottom is set at the same level with the curtain track profile back bottom. Then, the supporting profile of the ceiling frame is inserted into it. The framed construction supporting profile along UMBRA curtain track profile is placed with an offset of no more than 200 mm.
- 8 During sheeting, you shall perceive UMBRA curtain track profile attachment as the conjugation of two sheared edges and prepare it for sealing accordingly.
- 9 Before painting works, it is necessary to protect the inside curtain track profile part with a paint plug. You can use an extruded polystyrene foam strip (150 mm width and 50 mm height).
- 10 Further surface finishing is performed according to the chosen painting method, the joint between the sheeting and the curtain track profile is sealed according to the execution of works with sheared or mounting edges of the sheeting material.
- 11 Once finishing works are completed, the plug and the paint tape are removed, the hooked rollers are inserted into the slot and the plug is screwed on, then the canvas is hung, the LED strip is connected and glued, the disperser is installed and UMBRA curtain track profile is ready to be used.



UMBRA CURTAIN TRACK PROFILE (140 MM WIDTH)

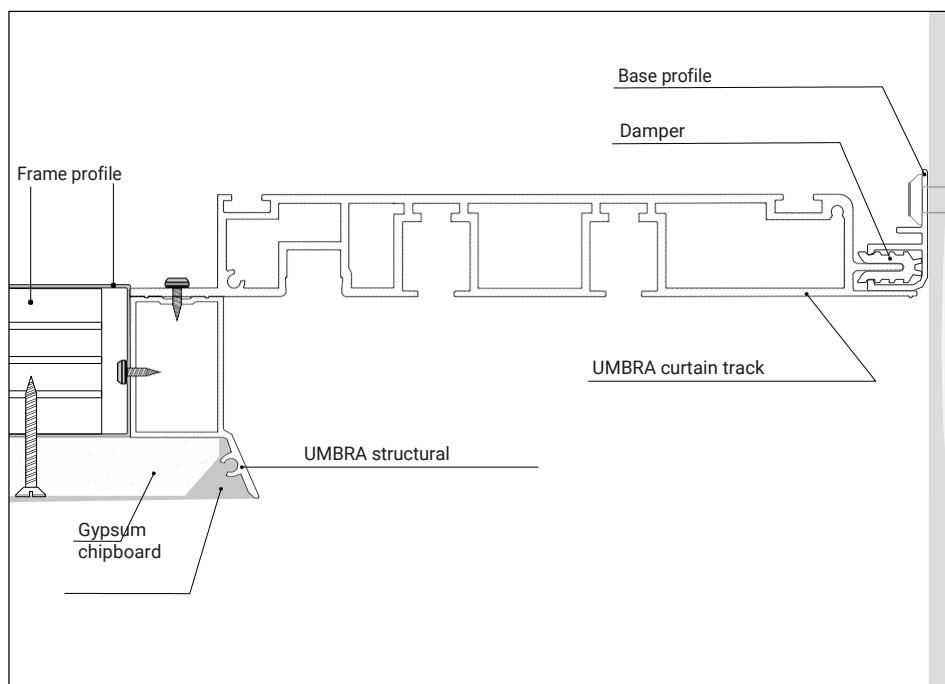
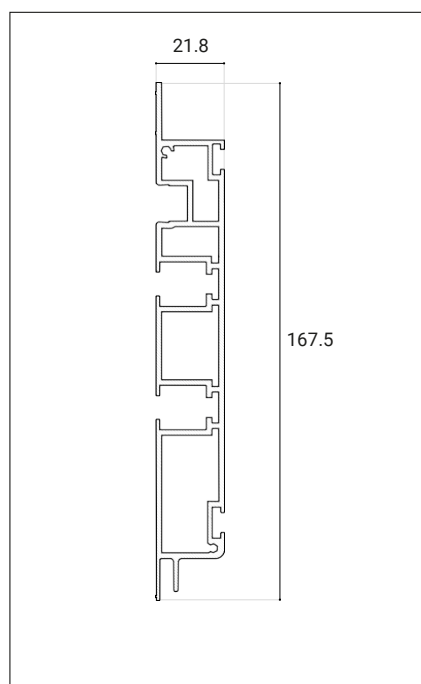
Framed constructions installation

Installation along the wall, using a single-level frame and 12.5 mm thickness single-layer sheeting.

ATTENTION! Before installing the perimeter ventilation profile, wall finishing works, including decorative coating at least at the installation site and anti-vandal surface protection shall be performed.

Installation sequence:

- 1 Before installing the curtain track profile, it is necessary to apply line marking, taking into consideration that the profile bottom is on the same level as the finished ceiling surface and the base profile top is 70 mm high.
- 2 Depending on the bearing base capacity, the base profile perforation interval is chosen which varies 40-60 cm and the holes diameter of 4-6 mm.
- 3 Before installing the base profile, a polymer damper is inserted into it, pushing it through the end face into the specially designed slot.
- 4 The profile is installed using a fastener chosen by the specialist, preventing the profile from being deformed by excessive clamping force.
- 5 When rotating the profile or joining it on the straight, a flat angular or a flat straight connector is used.
- 6 If the LED strip is connected, a hole with a diameter of 6-8 mm is made in the curtain track or structural profile, the disperser shall be previously removed. The hole shall not have edges that can damage the wire, and the wires shall have insulation of sufficient thickness to safely pass through the hole.
- 7 Once the base profile is in its design position, you can proceed to install UMBRA curtain track profile by pre-screwing the plugs at the ends and the structural or structural profile with illumination from below. The structural profile shall be fixed using a self-tapping screw (no more than of 11 mm length with intervals of 40-60 cm), cutting it at an angle of 45° at the curtain track ends.
- 8 To install the curtain track profile, it is enough to joint the tenon with the damper slot and press it firmly.
- 9 When rotating the profile or joining it in on the straight, an angular or a straight connector is used.
- 10 The framed construction leading profile is fixed using a self-tapping screw (no more than of 11 mm length with an interval of 40-60 cm), the profile bottom is set at the same level with the curtain track profile back bottom.
- 11 During sheeting, you shall perceive UMBRA curtain track profile attachment as the conjugation of two sheared edges and prepare it for sealing accordingly.
- 12 Before painting works, it is necessary to protect the inside floating profile part with a paint plug. You can use an extruded polystyrene foam strip (140 mm width and 50 mm height).
- 13 Further surface finishing is performed according to the chosen painting method, the joint between the sheeting and the curtain track profile is sealed according to the execution of works with sheared or mounting edges of the sheeting material.
- 14 Once finishing works are completed, the plug and the paint tape are removed, the hooked rollers are inserted into the slot and the plug is screwed on, then the canvas is hung, the LED strip is connected and glued, the disperser is installed and UMBRA curtain track profile is ready to be used.



UMBRA CURTAIN TRACK PROFILE (140 MM WIDTH)

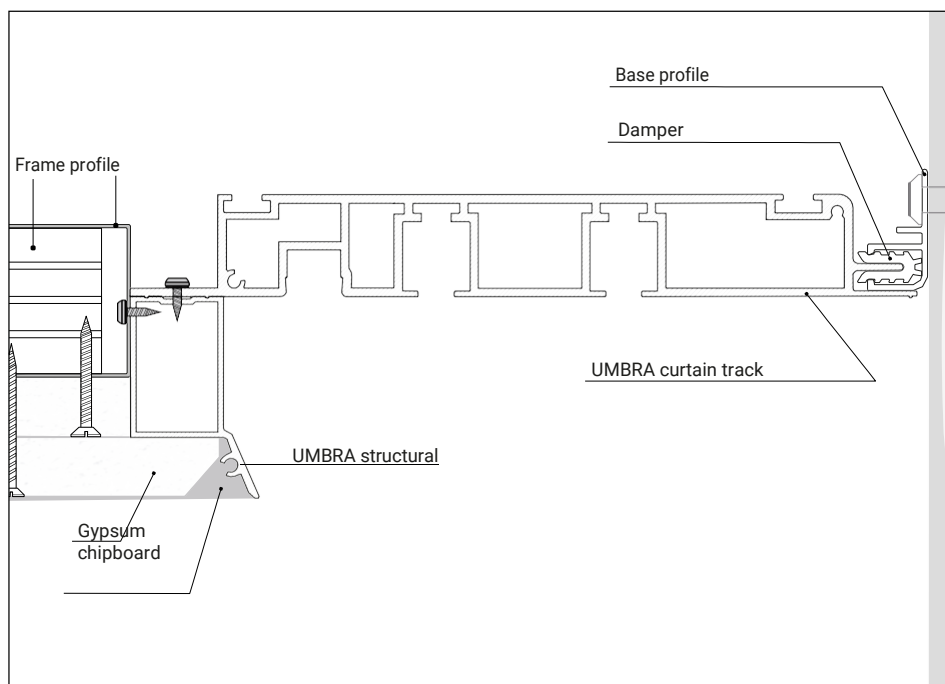
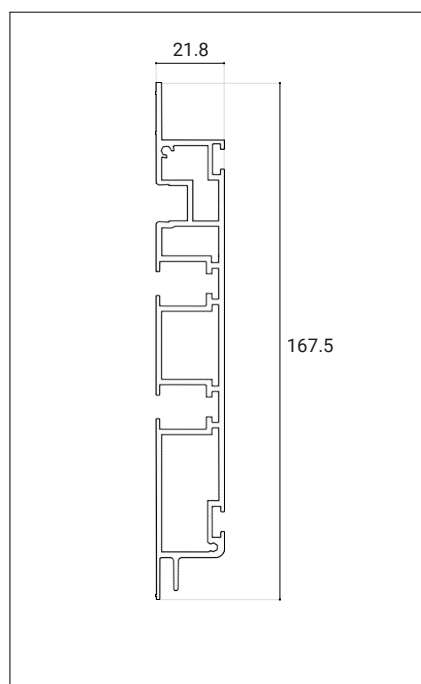
Framed constructions installation

Installation along the wall, using a single-level frame and 12.5 mm thickness double-layer sheeting.

ATTENTION! Before installing the perimeter ventilation profile, wall finishing works, including decorative coating at least at the installation site and anti-vandal surface protection shall be performed.

Installation sequence:

- 1 Before installing the curtain track profile, it is necessary to apply line marking, taking into consideration that the profile bottom is on the same level as the finished ceiling surface and the base profile top is 70 mm high.
- 2 Depending on the bearing base capacity, the base profile perforation interval is chosen which varies 40-60 cm and the holes diameter of 4-6 mm.
- 3 Before installing the base profile, a polymer damper is inserted into it, pushing it through the end face into the specially designed slot.
- 4 The profile is installed using a fastener chosen by the specialist, preventing the profile from being deformed by excessive clamping force.
- 5 When rotating the profile or joining it on the straight, a flat angular or a flat straight connector is used.
- 6 If the LED strip is connected, a hole with a diameter of 6-8 mm is made in the curtain track or structural profile, the disperser shall be previously removed. The hole shall not have edges that can damage the wire, and the wires shall have insulation of sufficient thickness to safely pass through the hole.
- 7 Once the base profile is in its design position, you can proceed to install UMBRA curtain track profile by pre-screwing the plugs at the ends and the structural or structural profile with illumination from below. The structural profile shall be fixed using a self-tapping screw (no more than of 11 mm length with intervals of 40-60 cm), cutting it at an angle of 45° at the curtain track ends.
- 8 To install the curtain track profile, it is enough to joint the tenon with the damper slot and press it firmly.
- 9 When rotating the profile or joining it in on the straight, an angular or a straight connector is used.
- 10 The framed construction leading profile is fixed using a self-tapping screw (no more than of 11 mm length with an interval of 40-60 cm), the profile bottom is set at the same level with the curtain track profile back bottom.
- 11 During sheeting, you shall perceive UMBRA curtain track profile attachment as the conjugation of two sheared edges and prepare it for sealing accordingly.
- 12 Before painting works, it is necessary to protect the inside floating profile part with a paint plug. You can use an extruded polystyrene foam strip (140 mm width and 50 mm height).
- 13 Further surface finishing is performed according to the chosen painting method, the joint between the sheeting and the curtain track profile is sealed according to the execution of works with sheared or mounting edges of the sheeting material.
- 14 Once finishing works are completed, the plug and the paint tape are removed, the hooked rollers are inserted into the slot and the plug is screwed on, then the canvas is hung, the LED strip is connected and glued, the disperser is installed and UMBRA curtain track profile is ready to be used .



UMBRA CURTAIN TRACK PROFILE (140 MM WIDTH)

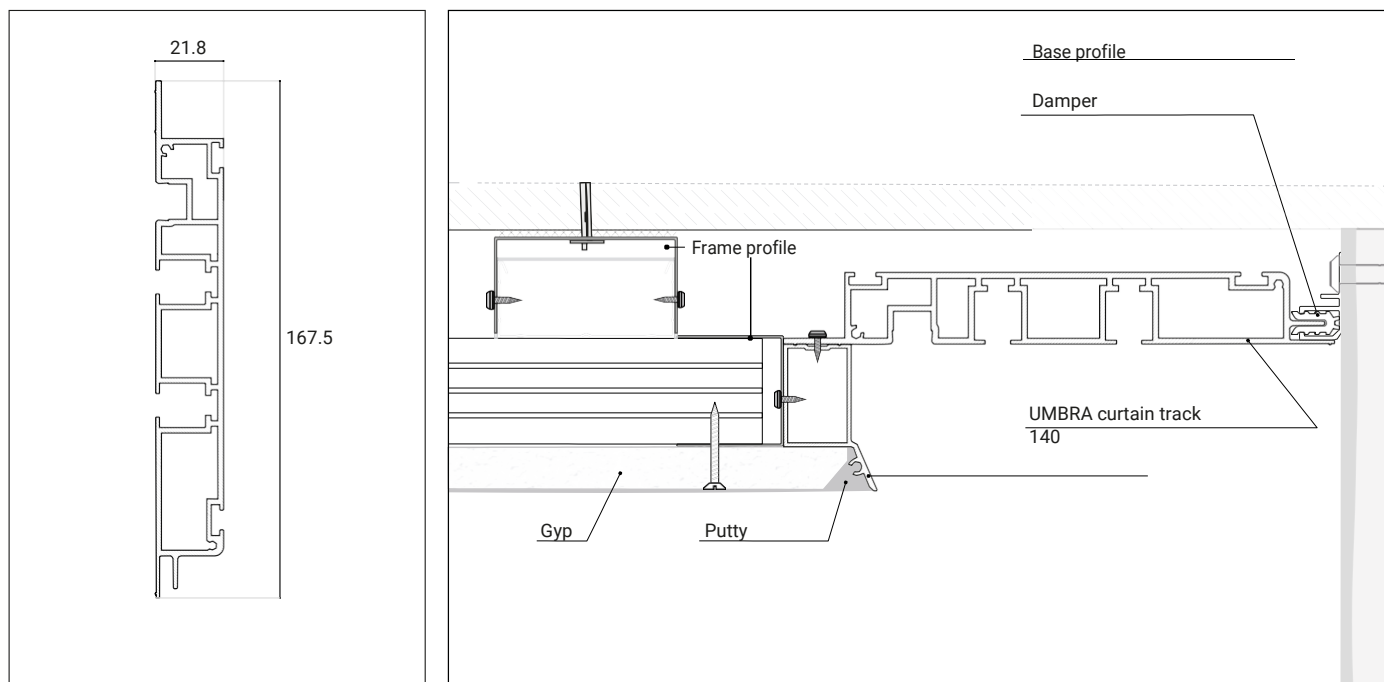
Framed constructions installation

Installation along the wall, using a double-level frame and 12.5 mm thickness single-layer sheeting.

ATTENTION! Before installing the perimeter ventilation profile, wall finishing works, including decorative coating at least at the installation site and anti-vandal surface protection shall be performed.

Installation sequence:

- 1 Before installing the curtain track profile, it is necessary to apply line marking, taking into consideration that the profile bottom is on the same level as the finished ceiling surface and the base profile top is 70 mm high.
- 2 Depending on the bearing base capacity, the base profile perforation interval is chosen which varies 40-60 cm and the holes diameter of 4-6 mm.
- 3 Before installing the base profile, a polymer damper is inserted into it, pushing it through the end face into the specially designed slot.
- 4 The profile is installed using a fastener chosen by the specialist, preventing the profile from being deformed by excessive clamping force.
- 5 When rotating the profile or joining it on the straight, a flat angular or a flat straight connector is used.
- 6 If the LED strip is connected, a hole with a diameter of 6-8 mm is made in the curtain track or structural profile, the disperser shall be previously removed. The hole shall not have edges that can damage the wire, and the wires shall have insulation of sufficient thickness to safely pass through the hole.
- 7 Once the base profile is in its design position, you can proceed to install UMBRA curtain track profile by pre-screwing the plugs at the ends and the structural or structural profile with illumination from below. The structural profile shall be fixed using a self-tapping screw (no more than of 11 mm length with intervals of 40-60 cm), cutting it at an angle of 45° at the curtain track ends.
- 8 To install the curtain track profile, it is enough to joint the tenon with the damper slot and press it firmly.
- 9 When rotating the profile or joining it in on the straight, an angular or a straight connector is used.
- 10 The framed construction leading profile is fixed using a self-tapping screw (no more than of 11 mm length with an interval of 40-60 cm), the profile bottom is set at the same level with the curtain track profile back bottom. Then, the supporting profile of the ceiling frame is inserted into it. The framed construction supporting profile along UMBRA curtain track profile is placed with an offset of no more than 200 mm.
- 11 During sheeting, you shall perceive UMBRA curtain track profile attachment as the conjugation of two sheared edges and prepare it for sealing accordingly.
- 12 Before painting works, it is necessary to protect the inside curtain track profile part with a paint plug. You can use an extruded polystyrene foam strip (140 mm width and 50 mm height).
- 13 Further surface finishing is performed according to the chosen painting method, the joint between the sheeting and the curtain track profile is sealed according to the execution of works with sheared or mounting edges of the sheeting material.
- 14 Once finishing works are completed, the plug and the paint tape are removed, the hooked rollers are inserted into the slot and the plug is screwed on, then the canvas is hung, the LED strip is connected and glued, the disperser is installed and UMBRA curtain track profile is ready to be used.



UMBRA CURTAIN TRACK PROFILE (140 MM WIDTH)

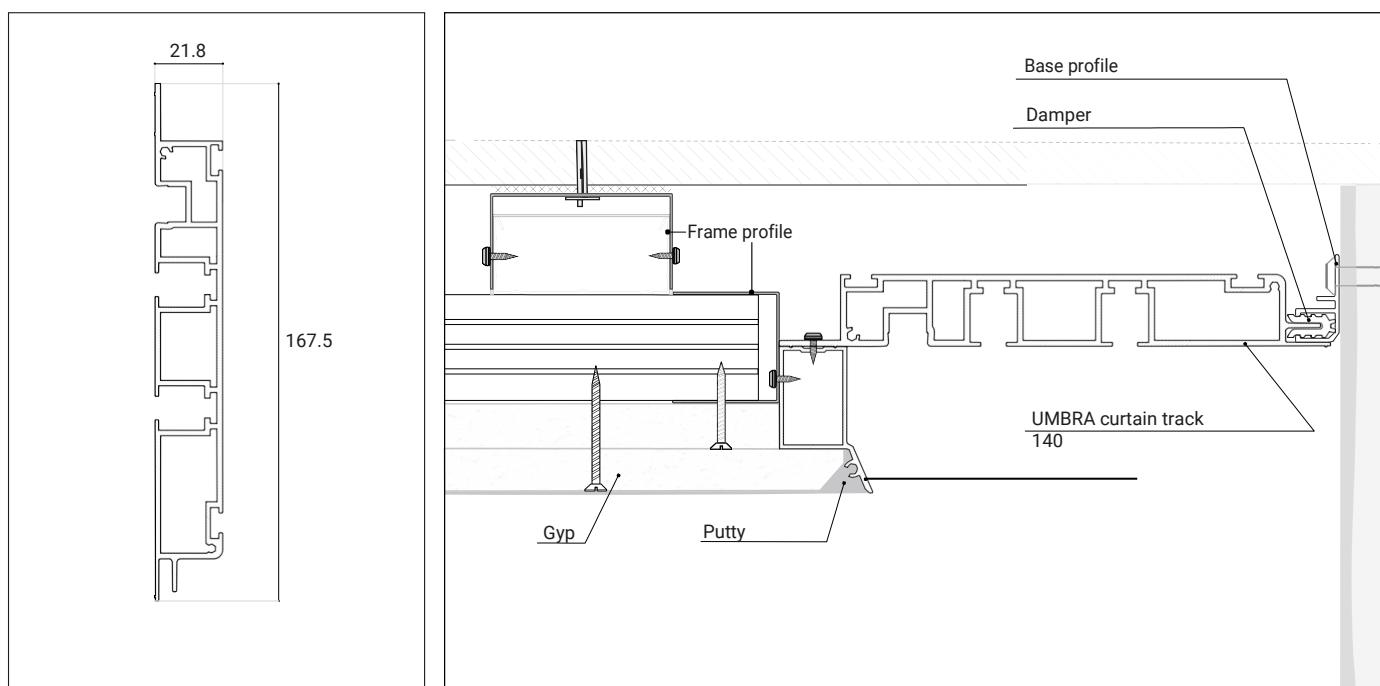
Framed constructions installation

Installation along the wall, using a double-level frame and a 25 mm (total) thickness double-layer sheeting.

ATTENTION! Before installing the perimeter ventilation profile, wall finishing works, including decorative coating at least at the installation site and anti-vandal surface protection shall be performed.

Installation sequence:

- 1 Before installing the curtain track profile, it is necessary to apply line marking, taking into consideration that the profile bottom is on the same level as the finished ceiling surface and the base profile top is 70 mm high.
- 2 Depending on the bearing base capacity, the base profile perforation interval is chosen which varies 40-60 cm and the holes diameter of 4-6 mm.
- 3 Before installing the base profile, a polymer damper is inserted into it, pushing it through the end face into the specially designed slot.
- 4 The profile is installed using a fastener chosen by the specialist, preventing the profile from being deformed by excessive clamping force.
- 5 When rotating the profile or joining it on the straight, a flat angular or a flat straight connector is used.
- 6 If the LED strip is connected, a hole with a diameter of 6-8 mm is made in the curtain track or structural profile, the disperser shall be previously removed. The hole shall not have edges that can damage the wire, and the wires shall have insulation of sufficient thickness to safely pass through the hole.
- 7 Once the base profile is in its design position, you can proceed to install UMBRA curtain track profile by pre-screwing the plugs at the ends and the structural or structural profile with illumination from below. The structural profile shall be fixed using a self-tapping screw (no more than of 11 mm length with intervals of 40-60 cm), cutting it at an angle of 45° at the curtain track ends.
- 8 To install the curtain track profile, it is enough to joint the tenon with the damper slot and press it firmly.
- 9 When rotating the profile or joining it in on the straight, an angular or a straight connector is used.
- 10 The framed construction leading profile is fixed using a self-tapping screw (no more than of 11 mm length with an interval of 40-60 cm), the profile bottom is set at the same level with the curtain track profile back bottom. Then, the supporting profile of the ceiling frame is inserted into it. The framed construction supporting profile along UMBRA curtain track profile is placed with an offset of no more than 200 mm.
- 11 During sheeting, you shall perceive UMBRA curtain track profile attachment as the conjugation of two sheared edges and prepare it for sealing accordingly.
- 12 Before painting works, it is necessary to protect the inside curtain track profile part with a paint plug. You can use an extruded polystyrene foam strip (140 mm width and 50 mm height).
- 13 Further surface finishing is performed according to the chosen painting method, the joint between the sheeting and the curtain track profile is sealed according to the execution of works with sheared or mounting edges of the sheeting material.
- 14 Once finishing works are completed, the plug and the paint tape are removed, the hooked rollers are inserted into the slot and the plug is screwed on, then the canvas is hung, the LED strip is connected and glued, the disperser is installed and UMBRA curtain track profile is ready to be used.



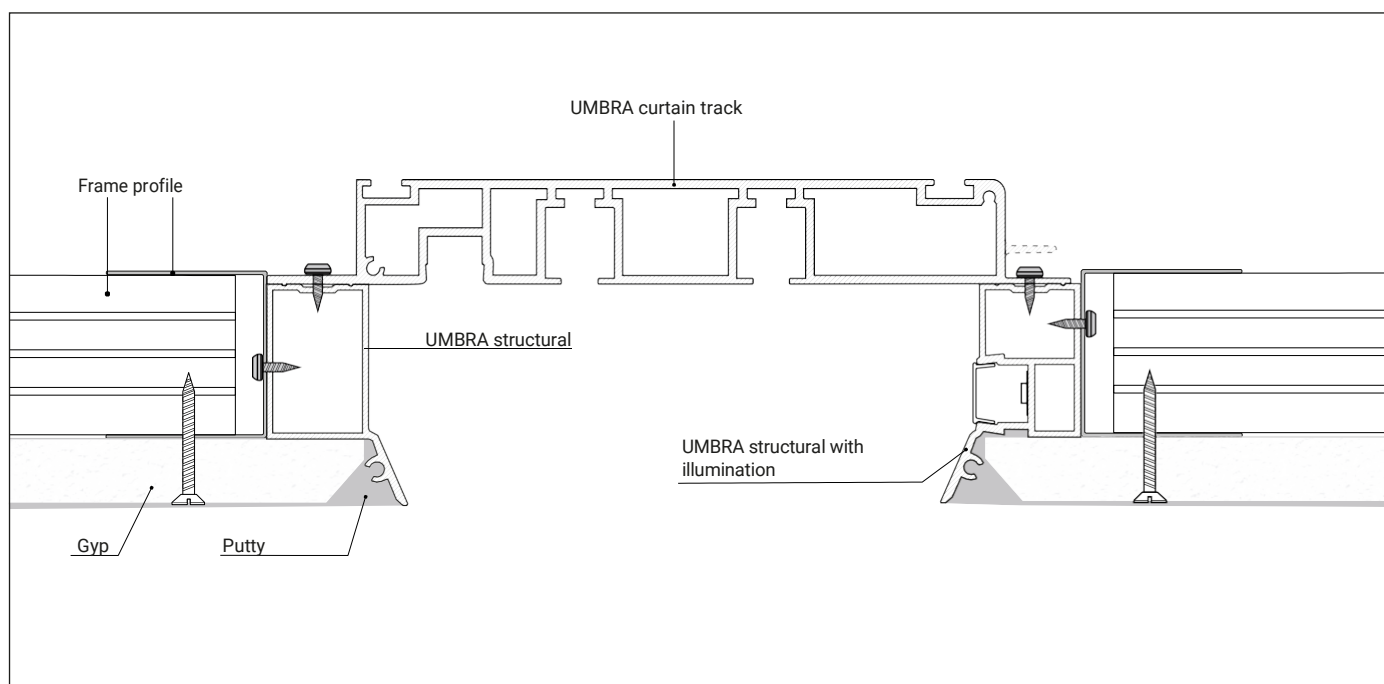
UMBRA CURTAIN TRACK PROFILE (140 MM WIDTH)

Framed constructions installation

The ceiling installation in the framed construction, using a single-level frame and 12.5 mm thickness single-layer sheeting.

Installation sequence:

- 1 Before installing the curtain track profile, it is necessary to apply line marking, taking into consideration that the profile bottom is on the same level as the finished ceiling surface and the base profile top is 65 mm high.
- 2 When installing the curtain track profile at a free distance from the wall, the protrusion tenon of the damper assembly shall be removed using an angle grinder incision.
- 3 To place UMBRA curtain track profile its design position, it is necessary to pre-screw a structural or illuminated structural profile to its lower part. The structural profile shall be fixed using a self-tapping screw (no more than of 11 mm length with intervals of 40-60 cm), cutting it at an angle of 45° at the curtain track ends.
- 4 If the LED strip is connected, a hole with a diameter of 6-8 mm is made in the curtain track or structural profile, the disperser shall be previously removed. The hole shall not have edges that can damage the wire, and the wires shall have insulation of sufficient thickness to safely pass through the hole.
- 5 Then the curtain track profile shall be fixed to the ceiling using mounting angles or brackets.
- 6 Depending on the bearing base capacity, the base profile perforation interval is chosen which varies 40-60 cm, using self-tapping screws (no more than of 11 mm length) twisted into the vertical curtain track profile flatness.
- 7 The framed construction leading profile is fixed using a self-tapping screw (no more than of 11 mm length with an interval of 40-60 cm), the profile bottom is set at the same level with the curtain track profile back bottom.
- 8 During sheeting, you shall perceive UMBRA curtain track profile attachment as the conjugation of two sheared edges and prepare it for sealing accordingly.
- 9 Before painting works, it is necessary to protect the inside floating profile part with a paint plug. You can use an extruded polystyrene foam strip (140 mm width and 41 mm height).
- 10 Further surface finishing is performed according to the chosen painting method, the joint between the sheeting and the curtain track profile is sealed according to the execution of works with sheared or mounting edges of the sheeting material.
- 11 Once finishing works are completed, the plug and the paint tape are removed, the hooked rollers are inserted into the slot and the plug is screwed on, then the canvas is hung, the LED strip is connected and glued, the disperser is installed and UMBRA curtain track profile is ready to be used.



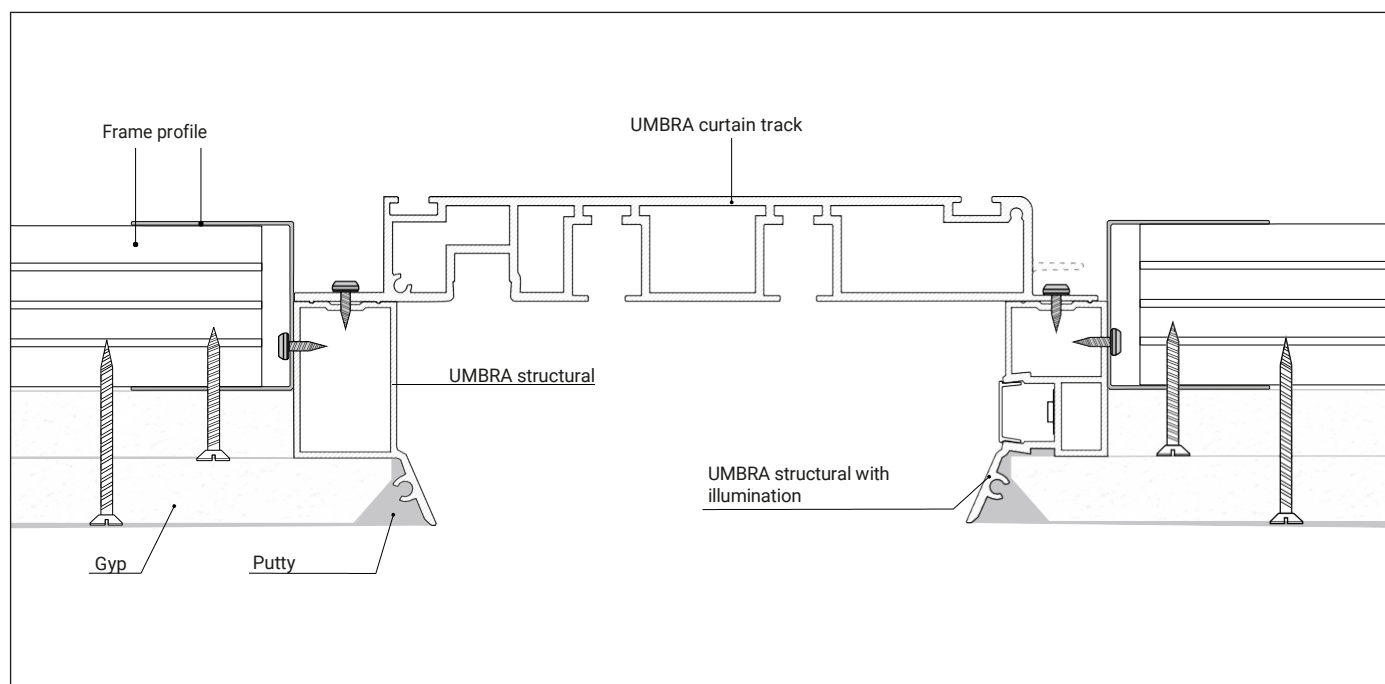
UMBRA CURTAIN TRACK PROFILE (140 MM WIDTH)

Framed constructions installation

The ceiling installation in the framed construction, using a single-level frame and a 25 mm thickness (total) double-layer sheeting.

Installation sequence:

- 1 Before installing the curtain track profile, it is necessary to apply line marking, taking into consideration that the profile bottom is on the same level as the finished ceiling surface and the base profile top is 65 mm high.
- 2 When installing the curtain track profile at a free distance from the wall, the protrusion tenon of the damper assembly shall be removed using an angle grinder incision.
- 3 To place UMBRA curtain track profile its design position, it is necessary to pre-screw a structural or illuminated structural profile to its lower part. The structural profile shall be fixed using a self-tapping screw (no more than of 11 mm length with intervals of 40-60 cm), cutting it at an angle of 45° at the curtain track ends.
- 4 If the LED strip is connected, a hole with a diameter of 6-8 mm is made in the curtain track or structural profile, the disperser shall be previously removed. The hole shall not have edges that can damage the wire, and the wires shall have insulation of sufficient thickness to safely pass through the hole.
- 5 Then the curtain track profile shall be fixed to the ceiling using mounting angles or brackets.
- 6 Depending on the bearing base capacity, the base profile perforation interval is chosen which varies 40-60 cm, using self-tapping screws (no more than of 11 mm length) twisted into the vertical curtain track profile flatness.
- 7 The framed construction leading profile is fixed using a self-tapping screw (no more than of 11 mm length with an interval of 40-60 cm), the profile bottom is set 13 mm above the lower angle of the curtain track profile back.
- 8 During sheeting, you shall perceive UMBRA curtain track profile attachment as the conjugation of two sheared edges and prepare it for sealing accordingly.
- 9 Before painting works, it is necessary to protect the inside floating profile part with a paint plug. You can use an extruded polystyrene foam strip (140 mm width and 41 mm height).
- 10 Further surface finishing is performed according to the chosen painting method, the joint between the sheeting and the curtain track profile is sealed according to the execution of works with sheared or mounting edges of the sheeting material.
- 11 Once finishing works are completed, the plug and the paint tape are removed, the hooked rollers are inserted into the slot and the plug is screwed on, then the canvas is hung, the LED strip is connected and glued, the disperser is installed and UMBRA curtain track profile is ready to be used.



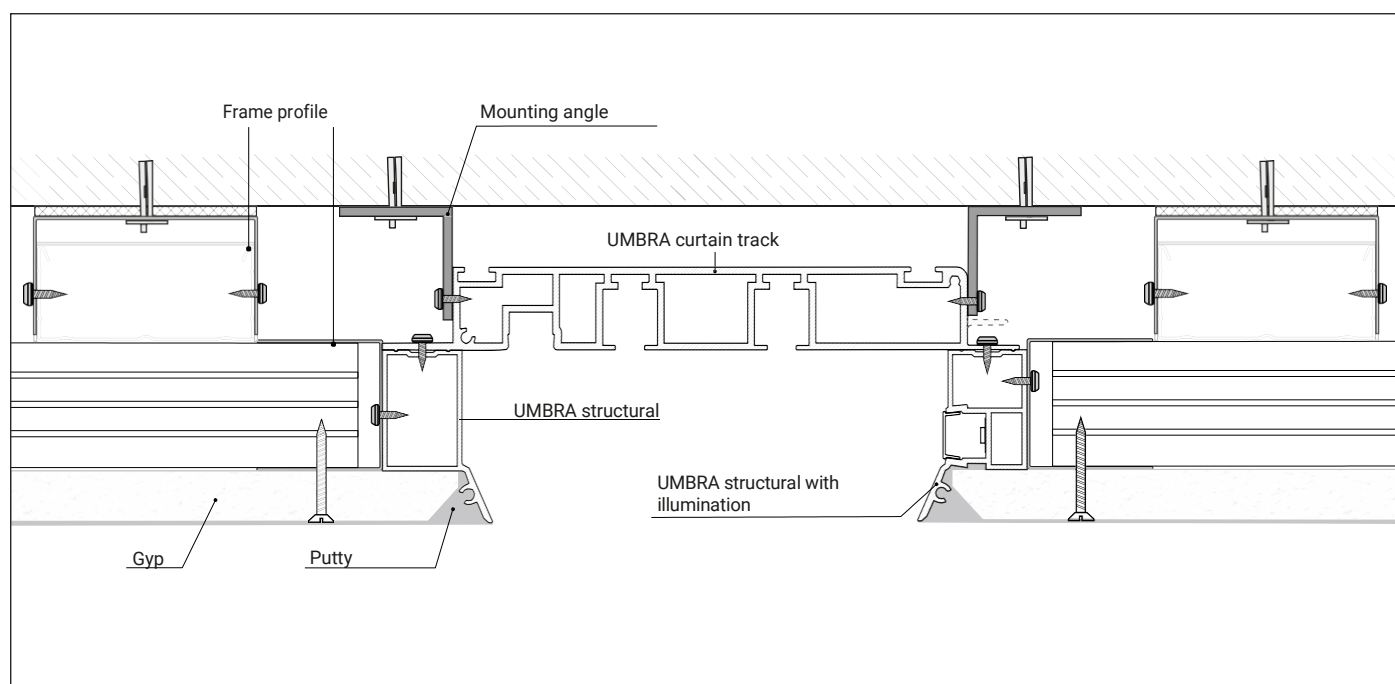
UMBRA CURTAIN TRACK PROFILE (140 MM WIDTH)

Framed constructions installation

The ceiling installation in the framed construction, using a double-level frame and 12.5 mm thickness single-layer sheeting.

Installation sequence:

- 1 Before installing the curtain track profile, it is necessary to apply line marking, taking into consideration that the profile bottom is on the same level as the finished ceiling surface and the base profile top is 65 mm high.
- 2 When installing the curtain track profile at a free distance from the wall, the protrusion tenon of the damper assembly shall be removed using an angle grinder incision.
- 3 To place UMBRA curtain track profile its design position, it is necessary to pre-screw a structural or illuminated structural profile to its lower part. The structural profile shall be fixed using a self-tapping screw (no more than of 11 mm length with intervals of 40-60 cm), cutting it at an angle of 45° at the curtain track ends.
- 4 If the LED strip is connected, a hole with a diameter of 6-8 mm is made in the curtain track or structural profile, the disperser shall be previously removed. The hole shall not have edges that can damage the wire, and the wires shall have insulation of sufficient thickness to safely pass through the hole.
- 5 Then the curtain track profile shall be fixed to the ceiling using mounting angles or brackets.
- 6 Depending on the bearing base capacity, the base profile perforation interval is chosen which varies 40-60 cm, using self-tapping screws (no more than of 11 mm length) twisted into the vertical curtain track profile flatness.
- 7 The framed construction leading profile is fixed using a self-tapping screw (no more than of 11 mm length with an interval of 40-60 cm), the profile bottom is set at the same level with the curtain track profile back bottom. Then, the supporting profile of the ceiling frame is inserted into it. The framed construction supporting profile along UMBRA curtain track profile is placed with an offset of no more than 200 mm.
- 8 During sheeting, you shall perceive UMBRA curtain track profile attachment as the conjugation of two sheared edges and prepare it for sealing accordingly.
- 9 Before painting works, it is necessary to protect the inside curtain track profile part with a paint plug. You can use an extruded polystyrene foam strip (140 mm width and 41 mm height).
- 10 Further surface finishing is performed according to the chosen painting method, the joint between the sheeting and the curtain track profile is sealed according to the execution of works with sheared or mounting edges of the sheeting material.
- 11 Once finishing works are completed, the plug and the paint tape are removed, the hooked rollers are inserted into the slot and the plug is screwed on, then the canvas is hung, the LED strip is connected and glued, the disperser is installed and UMBRA curtain track profile is ready to be used.



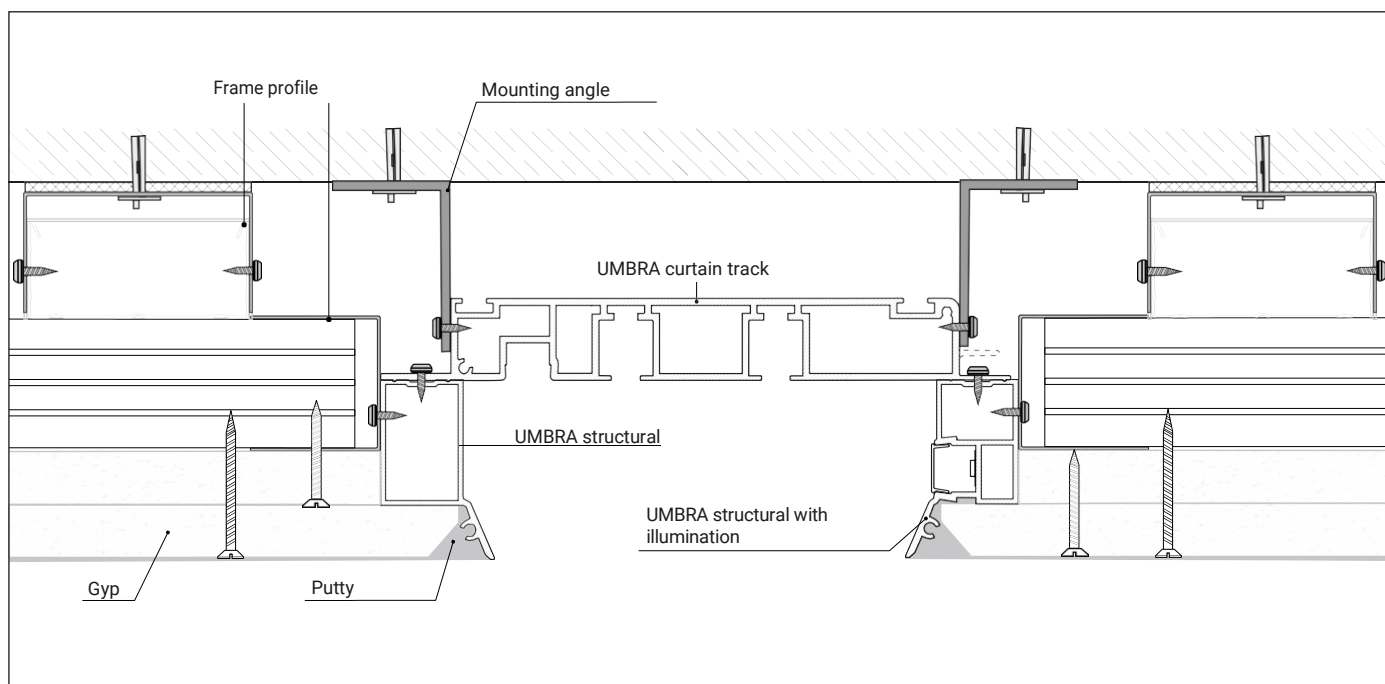
UMBRA CURTAIN TRACK PROFILE (140 MM WIDTH)

Framed constructions installation

The ceiling installation in the framed construction, using a double-level frame and a 25 mm thickness (total) double-layer sheeting.

Installation sequence:

- 1 Before installing the curtain track profile, it is necessary to apply line marking, taking into consideration that the profile bottom is on the same level as the finished ceiling surface and the base profile top is 65 mm high.
- 2 When installing the curtain track profile at a free distance from the wall, the protrusion tenon of the damper assembly shall be removed using an angle grinder incision.
- 3 To place UMBRA curtain track profile its design position, it is necessary to pre-screw a structural or illuminated structural profile to its lower part. The structural profile shall be fixed using a self-tapping screw (no more than of 11 mm length with intervals of 40-60 cm), cutting it at an angle of 45° at the curtain track ends.
- 4 If the LED strip is connected, a hole with a diameter of 6-8 mm is made in the curtain track or structural profile, the disperser shall be previously removed. The hole shall not have edges that can damage the wire, and the wires shall have insulation of sufficient thickness to safely pass through the hole.
- 5 Then the curtain track profile shall be fixed to the ceiling using mounting angles or brackets.
- 6 Depending on the bearing base capacity, the base profile perforation interval is chosen which varies 40-60 cm, using self-tapping screws (no more than of 11 mm length) twisted into the vertical curtain track profile flatness.
- 7 The framed construction leading profile is fixed using a self-tapping screw (no more than of 11 mm length with an interval of 40-60 cm), the profile bottom is set at the same level with the curtain track profile back bottom. Then, the supporting profile of the ceiling frame is inserted into it. The framed construction supporting profile along UMBRA curtain track profile is placed with an offset of no more than 200 mm.
- 8 During sheeting, you shall perceive UMBRA curtain track profile attachment as the conjugation of two sheared edges and prepare it for sealing accordingly.
- 9 Before painting works, it is necessary to protect the inside curtain track profile part with a paint plug. You can use an extruded polystyrene foam strip (140 mm width and 41 mm height).
- 10 Further surface finishing is performed according to the chosen painting method, the joint between the sheeting and the curtain track profile is sealed according to the execution of works with sheared or mounting edges of the sheeting material.
- 11 Once finishing works are completed, the plug and the paint tape are removed, the hooked rollers are inserted into the slot and the canvas is hung, the LED strip is connected and glued, the disperser is installed and UMBRA curtain track profile is ready to be used.



UMBRA GAP EXPANDER

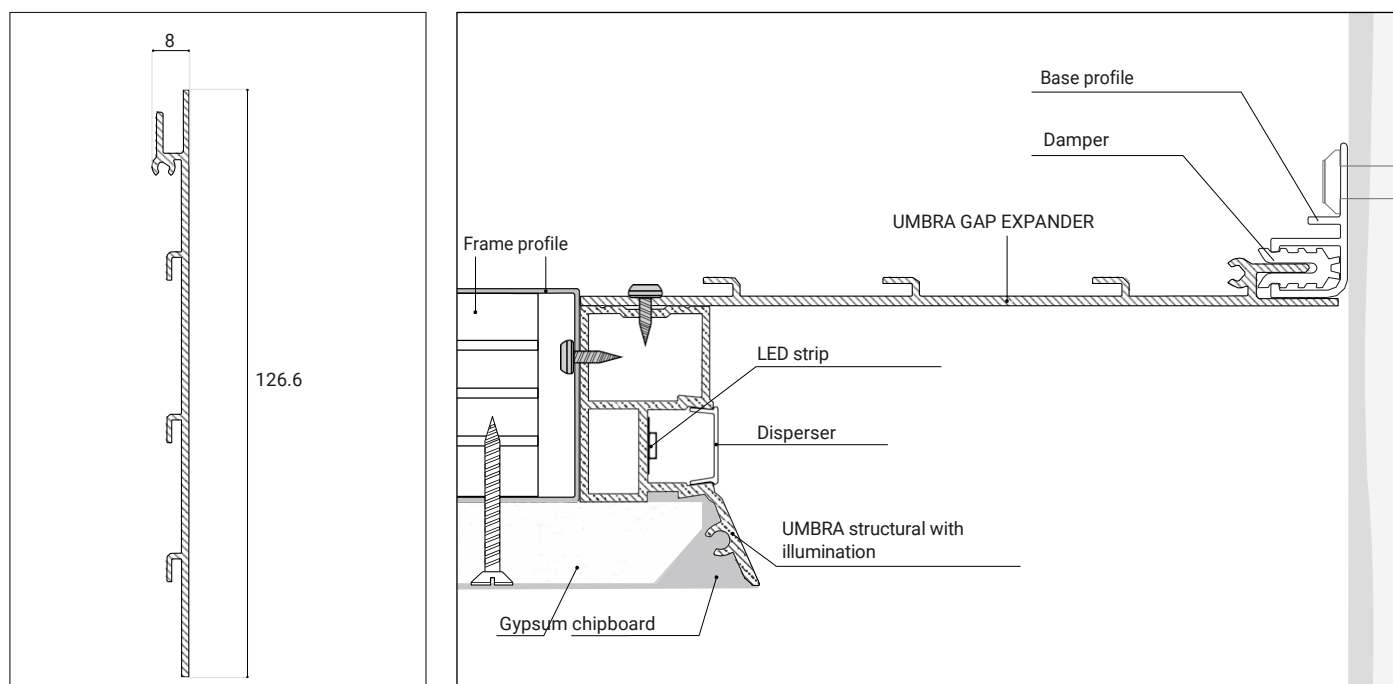
Framed constructions installation

Installation along the wall, using a single-level frame and 12.5 mm thickness single-layer sheeting.

ATTENTION! Before installing the extensive profile, wall finishing works, including decorative coating at least at the installation site and anti-vandal surface protection shall be performed.

Installation sequence:

- 1 Before installing the extensive profile, it is necessary to apply line marking, taking into consideration that the profile bottom is on the same level as the finished ceiling surface and the base profile top is 70 mm high.
- 2 Depending on the bearing base capacity, the base profile perforation interval is chosen which varies 40-60 cm and the holes diameter of 4-6 mm.
- 3 Before installing the base profile, a polymer damper is inserted into it, pushing it through the end face into the specially designed slot.
- 4 The profile is installed using a fastener chosen by the specialist, preventing the profile from being deformed by excessive clamping force.
- 5 When rotating the profile or joining it on the straight, a flat angular or a flat straight connector is used.
- 6 If the LED strip is connected, a hole with a diameter of 6-8 mm is made in the structural profile, the disperser shall be previously removed. The hole shall not have edges that can damage the wire, and the wires shall have insulation of sufficient thickness to safely pass through the hole.
- 7 Once the base profile is in its design position, you can proceed to install UMBRA extensive profile by pre-screwing the plugs at the ends and the structural or structural profile with illumination from below. The structural profile shall be fixed using a self-tapping screw (no more than of 11 mm length with intervals of 40-60 cm), cutting it at an angle of 45° at the curtain track ends.
- 8 To install the extensive profile, it is enough to joint the tenon with the damper slot and press it firmly.
- 9 When rotating the profile or joining it in on the straight, an angular or a straight connector is used.
- 10 The framed construction leading profile is fixed using a self-tapping screw (no more than of 11 mm length with an interval of 40-60 cm), the profile bottom is set at the same level with the curtain track profile back bottom.
- 11 During sheeting, you shall perceive UMBRA extensive profile attachment as the conjugation of two sheared edges and prepare it for sealing accordingly.
- 12 Before painting works, it is necessary to protect the inside extensive profile part with a paint plug. You can use an extruded polystyrene foam strip with a width equal to the gap and a height equal to 50 mm.
- 13 Further surface finishing is performed according to the chosen painting method, the joint between the sheeting and the extensive profile is sealed according to the execution of works with sheared or mounting edges of the sheeting material.
- 14 Once finishing works are completed, the plug and the paint tape are removed, the LED strip is connected and glued, the disperser is installed and UMBRA extensive profile is ready to be used.



UMBRA GAP EXPANDER

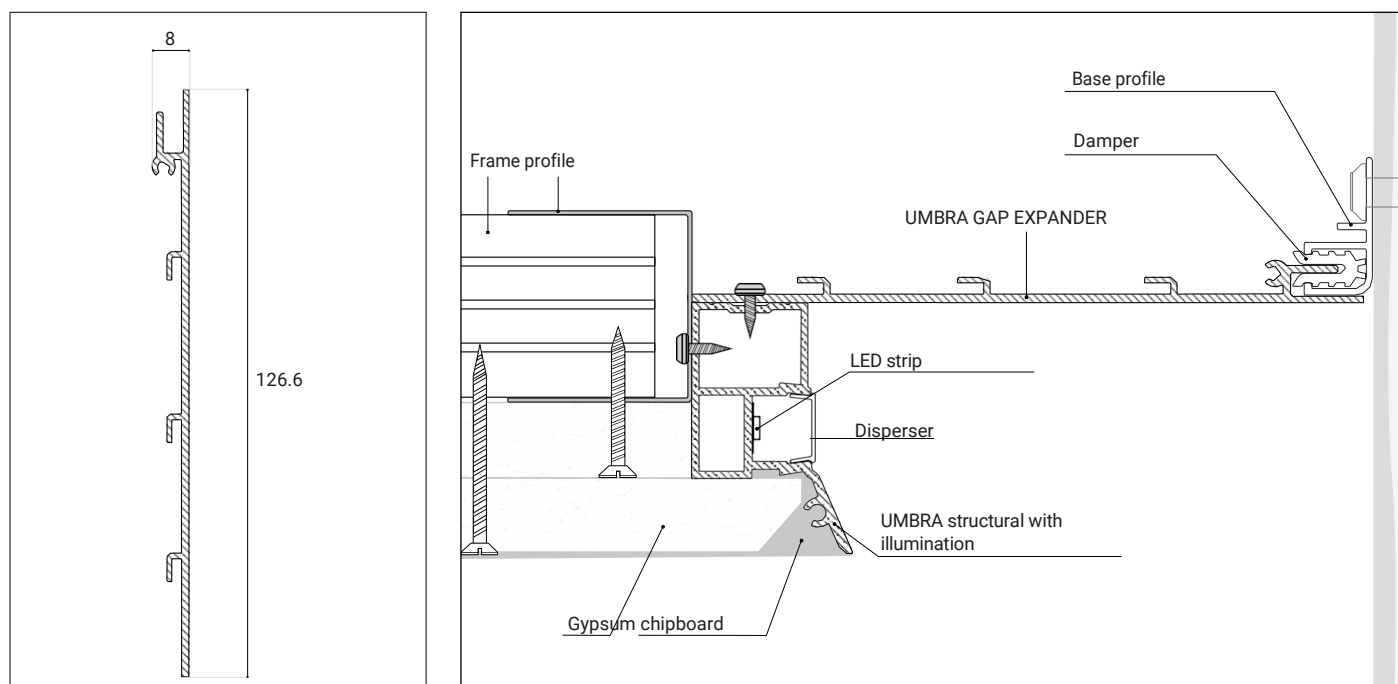
Framed constructions installation

Installation using a single-level frame and a 25 mm (total) thickness double-layer sheeting.

ATTENTION! Before installing the extensive profile, wall finishing works, including decorative coating at least at the installation site and anti-vandal surface protection shall be performed.

Installation sequence:

- 1 Before installing the extensive profile, it is necessary to apply line marking, taking into consideration that the profile bottom is on the same level as the finished ceiling surface and the base profile top is 70 mm high.
- 2 Depending on the bearing base capacity, the base profile perforation interval is chosen which varies 40-60 cm and the holes diameter of 4-6 mm.
- 3 Before installing the base profile, a polymer damper is inserted into it, pushing it through the end face into the specially designed slot.
- 4 The profile is installed using a fastener chosen by the specialist, preventing the profile from being deformed by excessive clamping force.
- 5 When rotating the profile or joining it on the straight, a flat angular or a flat straight connector is used.
- 6 If the LED strip is connected, a hole with a diameter of 6-8 mm is made in the structural profile, the disperser shall be previously removed. The hole shall not have edges that can damage the wire, and the wires shall have insulation of sufficient thickness to safely pass through the hole.
- 7 Once the base profile is in its design position, you can proceed to install UMBRA extensive profile by pre-screwing the plugs at the ends and the structural or structural profile with illumination from below. The structural profile shall be fixed using a self-tapping screw (no more than of 11 mm length with intervals of 40-60 cm), cutting it at an angle of 45° at the curtain track ends.
- 8 To install the extensive profile, it is enough to joint the tenon with the damper slot and press it firmly.
- 9 When rotating the profile or joining it in on the straight, an angular or a straight connector is used.
- 10 The framed construction leading profile is fixed using a self-tapping screw (no more than of 11 mm length with an interval of 40-60 cm), the profile bottom is set 13 mm above the lower angle of the extensive profile back.
- 11 During sheeting, you shall perceive UMBRA extensive profile attachment as the conjugation of two sheared edges and prepare it for sealing accordingly.
- 12 Before painting works, it is necessary to protect the inside extensive profile part with a paint plug. You can use an extruded polystyrene foam strip with a width equal to the gap and a height equal to 50 mm.
- 13 Further surface finishing is performed according to the chosen painting method, the joint between the sheeting and the extensive profile is sealed according to the execution of works with sheared or mounting edges of the sheeting material.
- 14 Once finishing works are completed, the plug and the paint tape are removed, the LED strip is connected and glued, the disperser is installed and UMBRA extensive profile is ready to be used.



UMBRA GAP EXPANDER

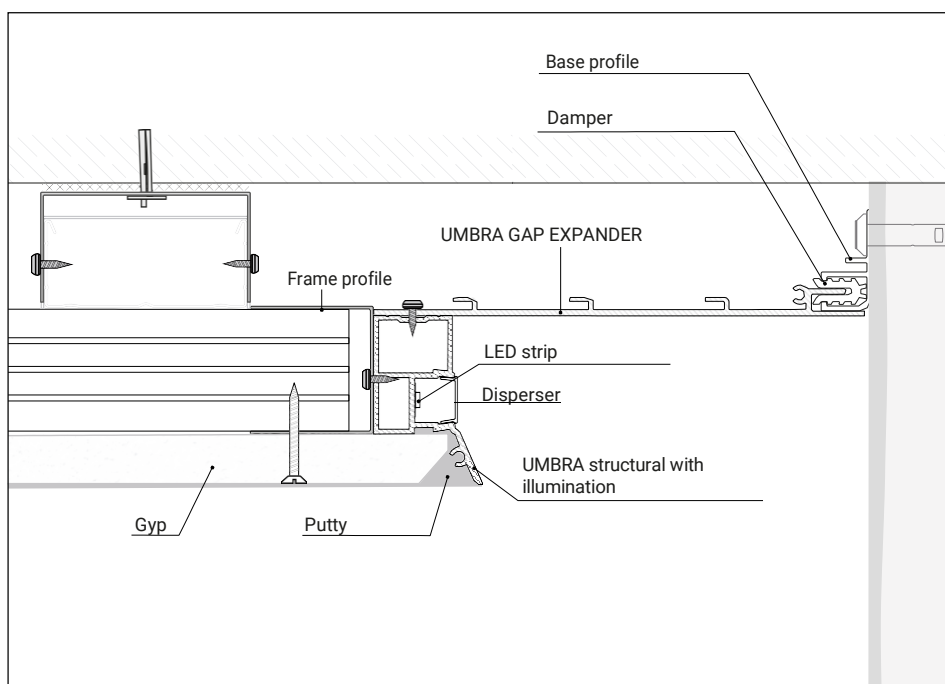
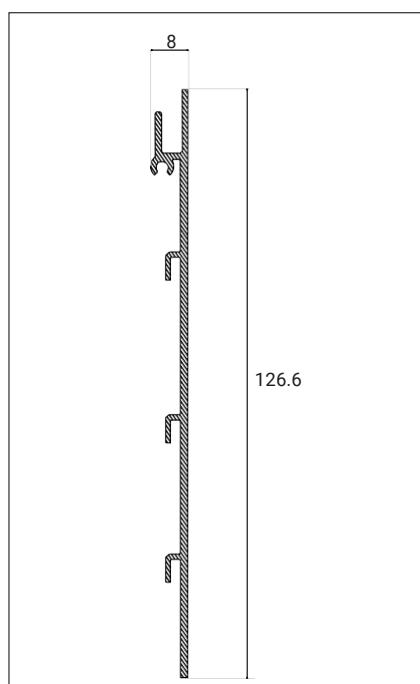
Framed constructions installation

Installation using a double-level frame and 12.5 mm thickness single-layer sheeting.

ATTENTION! Before installing the extensive profile, wall finishing works, including decorative coating at least at the installation site and anti-vandal surface protection shall be performed.

Installation sequence:

- 1 Before installing the extensive profile, it is necessary to apply line marking, taking into consideration that the profile bottom is on the same level as the finished ceiling surface and the base profile top is 70 mm high.
- 2 Depending on the bearing base capacity, the base profile perforation interval is chosen which varies 40-60 cm and the holes diameter of 4-6 mm.
- 3 Before installing the base profile, a polymer damper is inserted into it, pushing it through the end face into the specially designed slot.
- 4 The profile is installed using a fastener chosen by the specialist, preventing the profile from being deformed by excessive clamping force.
- 5 When rotating the profile or joining it on the straight, a flat angular or a flat straight connector is used.
- 6 If the LED strip is connected, a hole with a diameter of 6-8 mm is made in the structural profile, the disperser shall be previously removed. The hole shall not have edges that can damage the wire, and the wires shall have insulation of sufficient thickness to safely pass through the hole.
- 7 Once the base profile is in its design position, you can proceed to install UMBRA extensive profile by pre-screwing the plugs at the ends and the structural or structural profile with illumination from below. The structural profile shall be fixed using a self-tapping screw (no more than of 11 mm length with intervals of 40-60 cm), cutting it at an angle of 45° at the curtain track ends.
- 8 To install the extensive profile, it is enough to joint the tenon with the damper slot and press it firmly.
- 9 When rotating the profile or joining it in on the straight, an angular or a straight connector is used.
- 10 The framed construction leading profile is fixed using a self-tapping screw (no more than of 11 mm length with an interval of 40-60 cm), the profile bottom is set at the same level with the curtain track profile back bottom. Then, the supporting profile of the ceiling frame is inserted into it. The framed construction supporting profile along UMBRA extensive profile is placed with an offset of no more than 200 mm.
- 11 During sheeting, you shall perceive UMBRA extensive profile attachment as the conjugation of two sheared edges and prepare it for sealing accordingly.
- 12 Before painting works, it is necessary to protect the inside extensive profile part with a paint plug. You can use an extruded polystyrene foam strip with a width equal to the gap and a height equal to 50 mm.
- 13 Further surface finishing is performed according to the chosen painting method, the joint between the sheeting and the extensive profile is sealed according to the execution of works with sheared or mounting edges of the sheeting material.
- 14 Once finishing works are completed, the plug and the paint tape are removed, the LED strip is connected and glued, the disperser is installed and UMBRA extensive profile is ready to be used.



UMBRA GAP EXPANDER

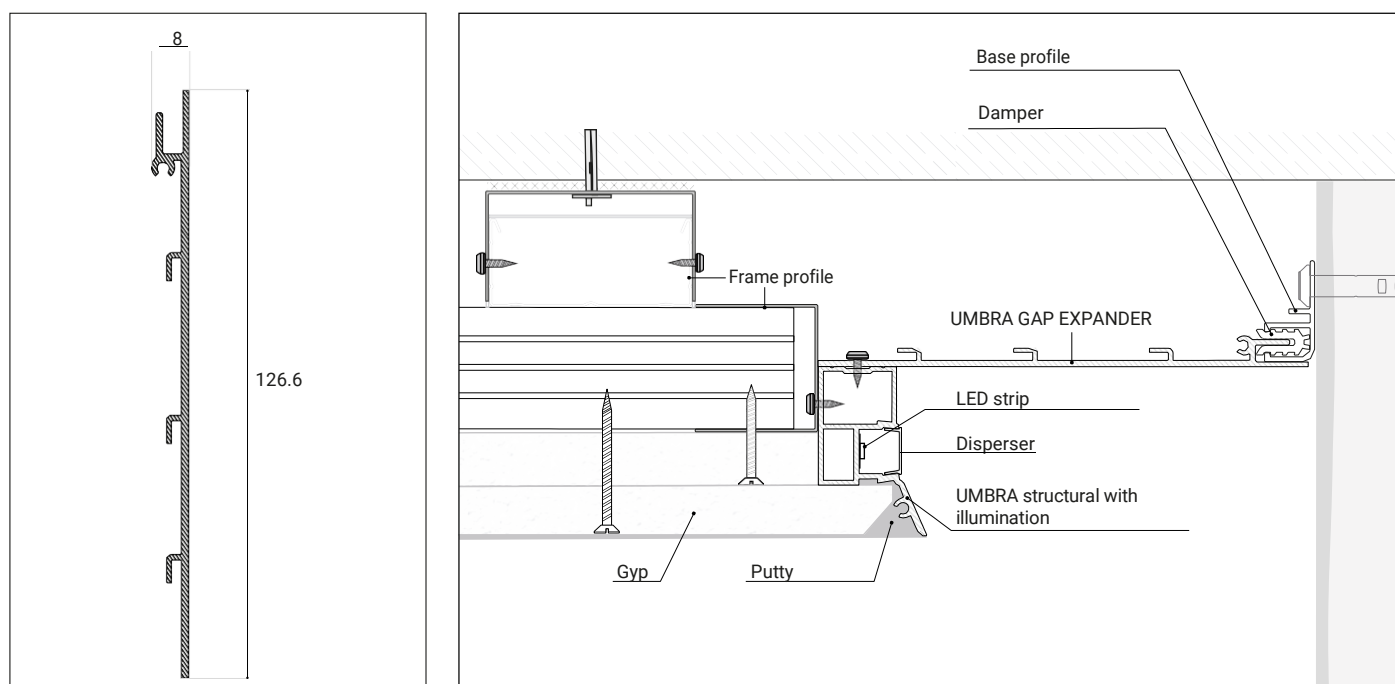
Framed constructions installation

Installation using a double-level frame and a 25 mm (total) thickness double-layer sheeting.

ATTENTION! Before installing the extensive profile, wall finishing works, including decorative coating at least at the installation site and anti-vandal surface protection shall be performed.

Installation sequence:

- 1 Before installing the extensive profile, it is necessary to apply line marking, taking into consideration that the profile bottom is on the same level as the finished ceiling surface and the base profile top is 70 mm high.
- 2 Depending on the bearing base capacity, the base profile perforation interval is chosen which varies 40-60 cm and the holes diameter of 4-6 mm.
- 3 Before installing the base profile, a polymer damper is inserted into it, pushing it through the end face into the specially designed slot.
- 4 The profile is installed using a fastener chosen by the specialist, preventing the profile from being deformed by excessive clamping force.
- 5 When rotating the profile or joining it on the straight, a flat angular or a flat straight connector is used.
- 6 If the LED strip is connected, a hole with a diameter of 6-8 mm is made in the structural profile, the disperser shall be previously removed. The hole shall not have edges that can damage the wire, and the wires shall have insulation of sufficient thickness to safely pass through the hole.
- 7 Once the base profile is in its design position, you can proceed to install UMBRA extensive profile by pre-screwing the plugs at the ends and the structural or structural profile with illumination from below. The structural profile shall be fixed using a self-tapping screw (no more than of 11 mm length with intervals of 40-60 cm), cutting it at an angle of 45° at the curtain track ends.
- 8 To install the extensive profile, it is enough to joint the tenon with the damper slot and press it firmly.
- 9 When rotating the profile or joining it in on the straight, an angular or a straight connector is used.
- 10 The framed construction leading profile is fixed using a self-tapping screw (no more than of 11 mm length with an interval of 40-60 cm), the profile bottom is set 13 mm above the lower angle of the extensive profile back. Then, the supporting profile of the ceiling frame is inserted into it. The framed construction supporting profile along UMBRA extensive profile is placed with an offset of no more than 200 mm.
- 11 During sheeting, you shall perceive UMBRA extensive profile attachment as the conjugation of two sheared edges and prepare it for sealing accordingly.
- 12 Before painting works, it is necessary to protect the inside extensive profile part with a paint plug. You can use an extruded polystyrene foam strip with a width equal to the gap and a height equal to 50 mm.
- 13 Further surface finishing is performed according to the chosen painting method, the joint between the sheeting and the extensive profile is sealed according to the execution of works with sheared or mounting edges of the sheeting material.
- 14 Once finishing works are completed, the plug and the paint tape are removed, the LED strip is connected and glued, the disperser is installed and UMBRA extensive profile is ready to be used.



UMBRA GAP EXPANDER

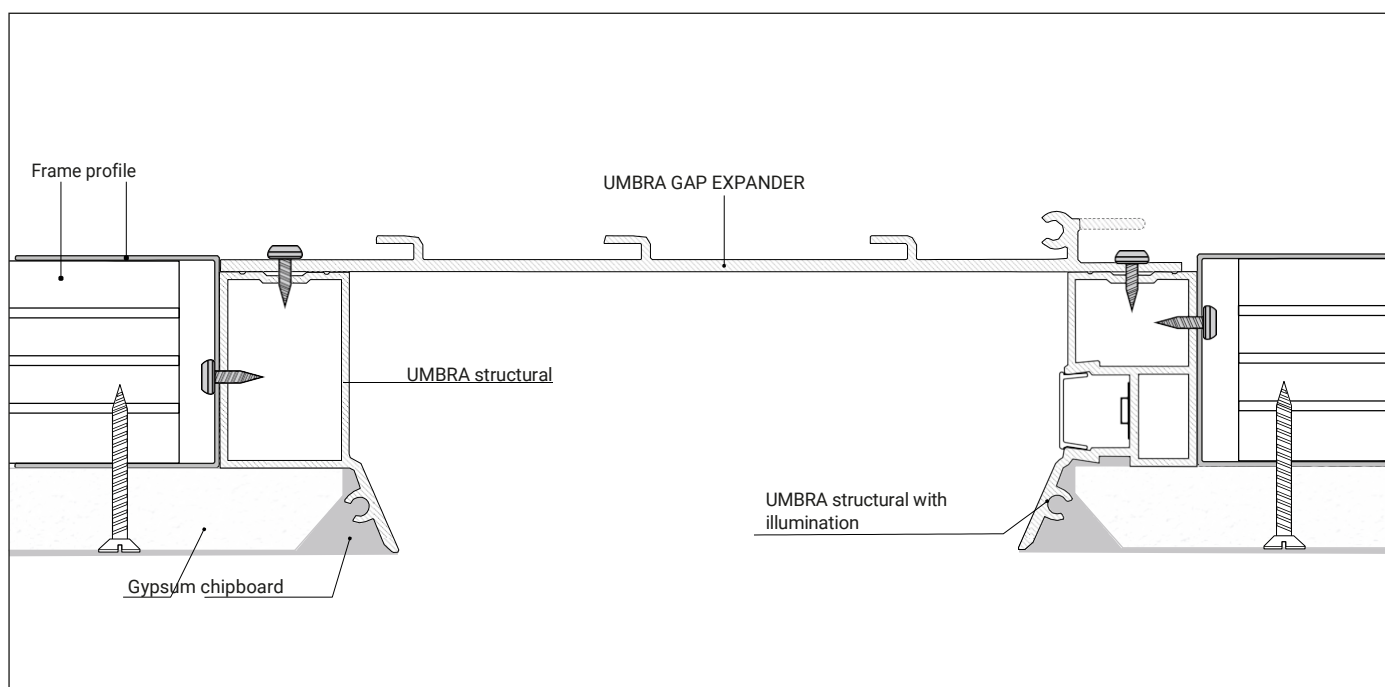
Framed constructions installation

The ceiling installation in the framed construction, using a single-level frame and 12.5 mm thickness single-layer sheeting.

ATTENTION! Before installing the extensive profile, wall finishing works, including decorative coating at least at the installation site and anti-vandal surface protection shall be performed.

Installation sequence:

- 1 Before installing the extensive profile, it is necessary to apply line marking, taking into consideration that the profile bottom is on the same level as the finished ceiling surface and the base profile top is 65 mm high.
- 2 When installing the extensive profile at a free distance from the wall, the protrusion tenon of the damper assembly shall be removed using an angle grinder incision.
- 3 To place UMBRA extensive profile its design position, it is necessary to pre-screw a structural or illuminated structural profile to its lower part. The structural profile shall be fixed using a self-tapping screw (no more than of 11 mm length with intervals of 40-60 cm), cutting it at an angle of 45° at the curtain track ends.
- 4 If the LED strip is connected, a hole with a diameter of 6-8 mm is made in the structural profile, the disperser shall be previously removed. The hole shall not have edges that can damage the wire, and the wires shall have insulation of sufficient thickness to safely pass through the hole.
- 5 The framed construction leading profile is fixed using a self-tapping screw (no more than of 11 mm length with an interval of 40-60 cm), the profile bottom is set at the same level with the extensive profile back bottom.
- 6 During sheeting, you shall perceive UMBRA extensive profile attachment as the conjugation of two sheared edges and prepare it for sealing accordingly.
- 7 Before painting works, it is necessary to protect the inside extensive profile part with a paint plug. You can use an extruded polystyrene foam strip with a width equal to the gap and a height equal to 41 mm.
- 8 Further surface finishing is performed according to the chosen painting method, the joint between the sheeting and the extensive profile is sealed according to the execution of works with sheared or mounting edges of the sheeting material.
- 9 Once finishing works are completed, the plug and the paint tape are removed, the LED strip is connected and glued, the disperser is installed and UMBRA extensive profile is ready to be used.



UMBRA GAP EXPANDER

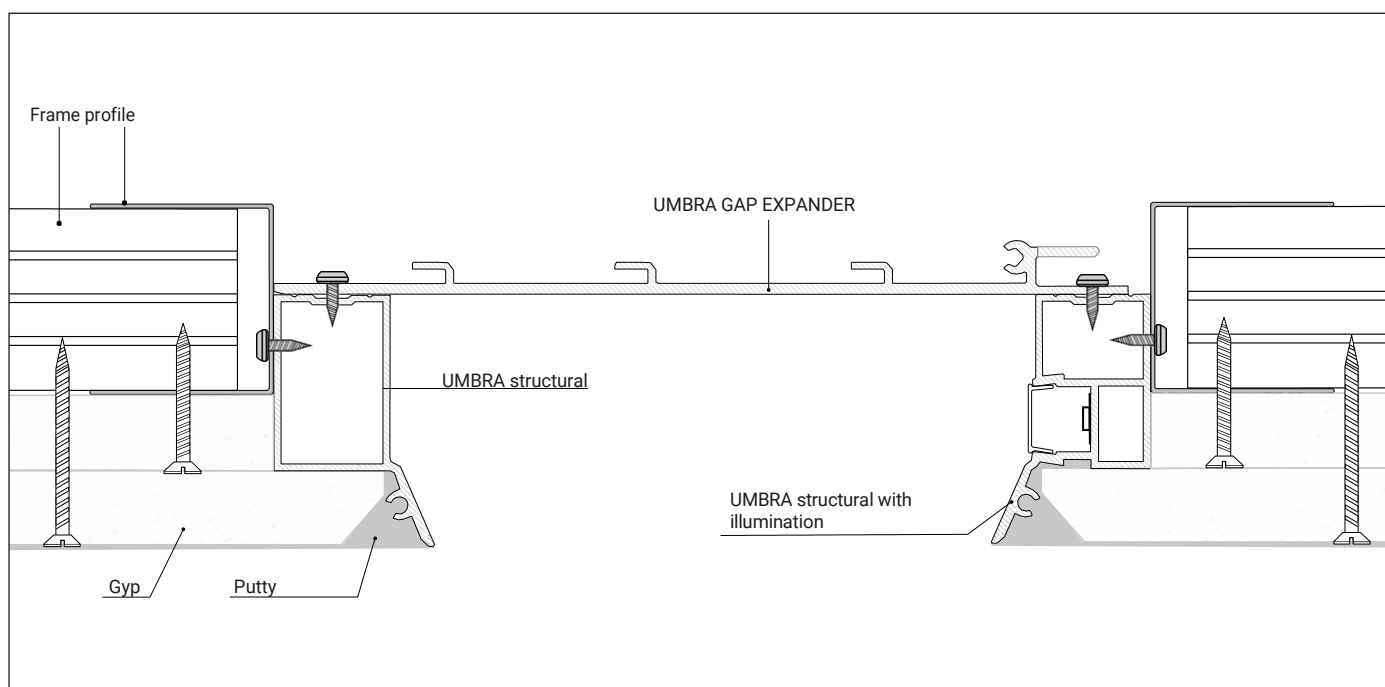
Framed constructions installation

The ceiling installation in the framed construction, using a single-level frame and a 25 mm thickness (total) double-layer sheeting.

ATTENTION! Before installing the extensive profile, wall finishing works, including decorative coating at least at the installation site and anti-vandal surface protection shall be performed.

Installation sequence:

- 1 Before installing the extensive profile, it is necessary to apply line marking, taking into consideration that the profile bottom is on the same level as the finished ceiling surface and the base profile top is 65 mm high.
- 2 When installing the extensive profile at a free distance from the wall, the protrusion tenon of the damper assembly shall be removed using an angle grinder incision.
- 3 To place UMBRA extensive profile its design position, it is necessary to pre-screw a structural or illuminated structural profile to its lower part. The structural profile shall be fixed using a self-tapping screw (no more than of 11 mm length with intervals of 40-60 cm), cutting it at an angle of 45° at the curtain track ends. If the LED strip is connected, a hole with a diameter of 6-8 mm is made in the structural profile,
- 4 the disperser shall be previously removed. The hole shall not have edges that can damage the wire, and the wires shall have insulation of sufficient thickness to safely pass through the hole. The framed construction leading profile is fixed using a self-tapping screw (no more than 11 mm length
- 5 with an interval of 40-60 cm), the profile bottom is set 13 mm above the lower angle of the extensive profile back. During sheeting, you shall perceive UMBRA extensive profile attachment
- 6 as the conjugation of two sheared edges and prepare it for sealing accordingly. Before painting works, it is necessary to protect the inside extensive profile part with
- 7 a paint plug. You can use an extruded polystyrene foam strip with a width equal to the gap and a height equal to 41 mm. Further surface finishing is performed according to the chosen painting method, the joint between the sheeting and
- 8 the extensive profile is sealed according to the execution of works with sheared or mounting edges of the sheeting material. Once finishing works are completed, the plug and the paint tape are removed, the LED strip is connected and glued,
- 9 the disperser is installed and UMBRA extensive profile is ready to be used.



UMBRA GAP EXPANDER

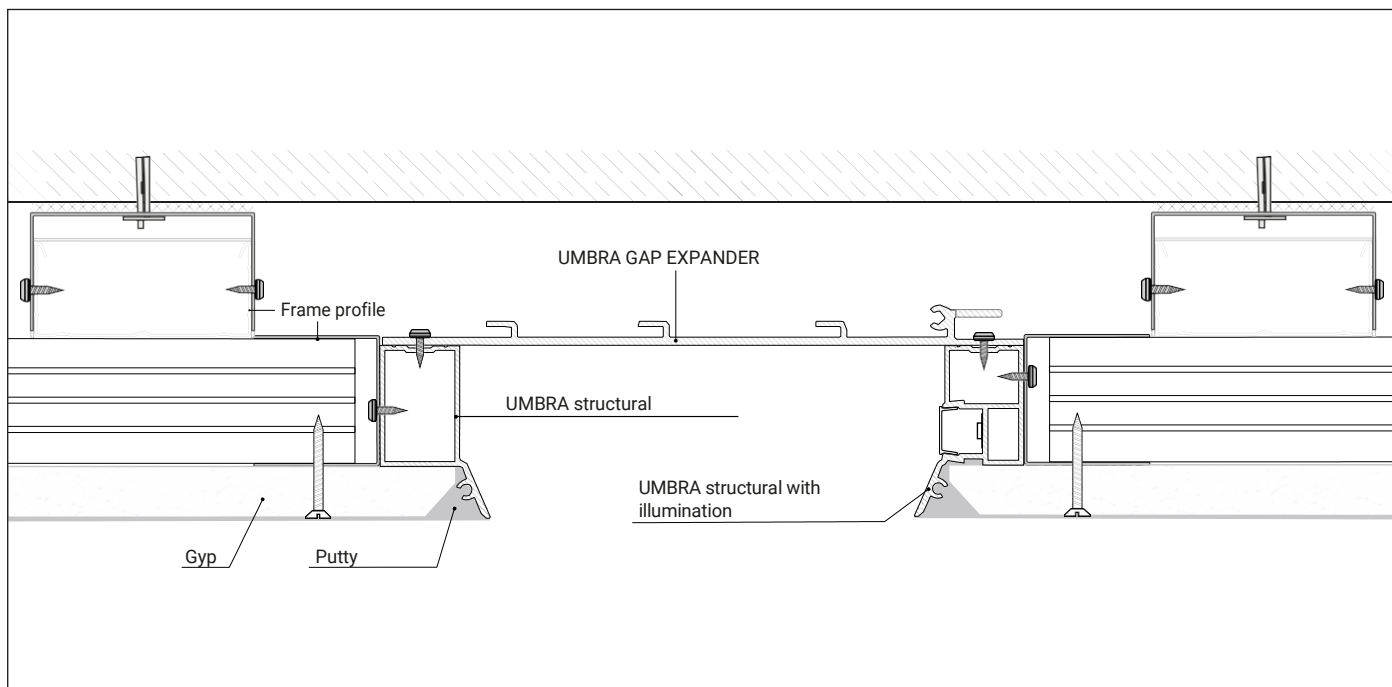
Framed constructions installation

The ceiling installation in the framed construction, using a double-level frame and a 25 mm thickness single-layer sheeting.

ATTENTION! Before installing the extensive profile, wall finishing works, including decorative coating at least at the installation site and anti-vandal surface protection shall be performed.

Installation sequence:

- 1 Before installing the extensive profile, it is necessary to apply line marking, taking into consideration that the profile bottom is on the same level as the finished ceiling surface and the base profile top is 65 mm high.
- 2 When installing the extensive profile at a free distance from the wall, the protrusion tenon of the damper assembly shall be removed using an angle grinder incision.
- 3 To place UMBRA extensive profile its design position, it is necessary to pre-screw a structural or illuminated structural profile to its lower part. The structural profile shall be fixed using a self-tapping screw (no more than of 11 mm length with intervals of 40-60 cm), cutting it at an angle of 45° at the curtain track ends.
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- 5 The framed construction leading profile is fixed using a self-tapping screw (no more than of 11 mm length with an interval of 40-60 cm), the profile bottom is set at the same level with the extensive profile back bottom. Then, the supporting profile of the ceiling frame is inserted into it. The framed construction base profile along UMBRA extensive profile is placed with an offset of no more than 200 mm.
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- 8 Further surface finishing is performed according to the chosen painting method, the joint between the sheeting and the extensive profile is sealed according to the execution of works with sheared or mounting edges of the sheeting material.
- 9 Once finishing works are completed, the plug and the paint tape are removed, the LED strip is connected and glued, the disperser is installed and UMBRA extensive profile is ready to be used.



UMBRA GAP EXPANDER

Framed constructions installation

Installation using a double-level frame and a 25 mm (total) thickness double-layer sheeting.

ATTENTION! Before installing the extensive profile, wall finishing works, including decorative coating at least at the installation site and anti-vandal surface protection shall be performed.

Installation sequence:

- 1 Before installing the extensive profile, it is necessary to apply line marking, taking into consideration that the profile bottom is on the same level as the finished ceiling surface and the base profile top is 65 mm high.
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