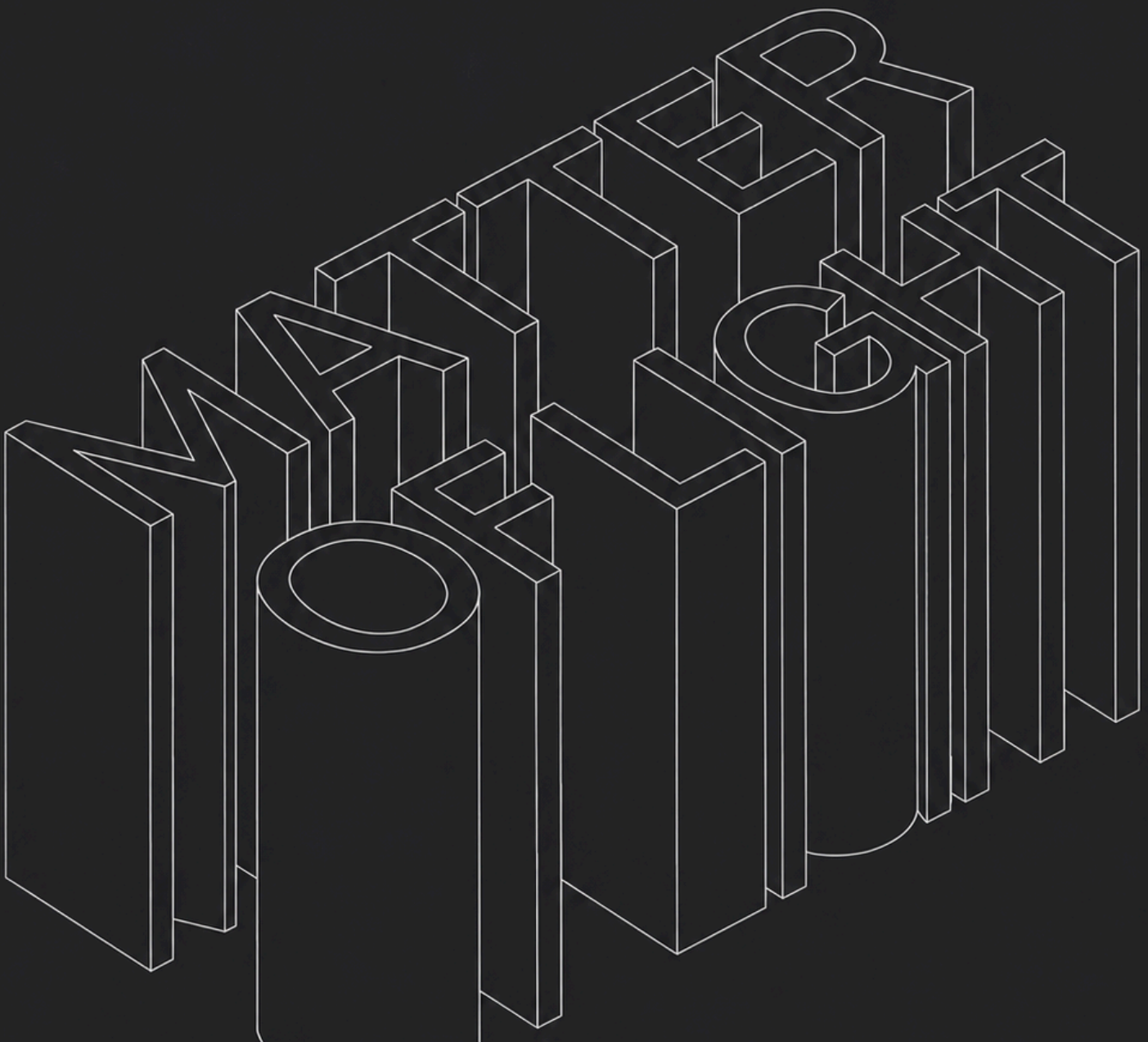
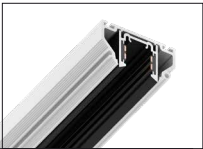


PROCESS CHARTS





GRAFFIT Track for plasterboard RG

In frame-and-sheathing structures	p. 3
In plastered walls	p. 6

Built-in profile GRAFFIT INTR-RG in frame-and-sheathing structures · GRAFFIT Track for plasterboard RG

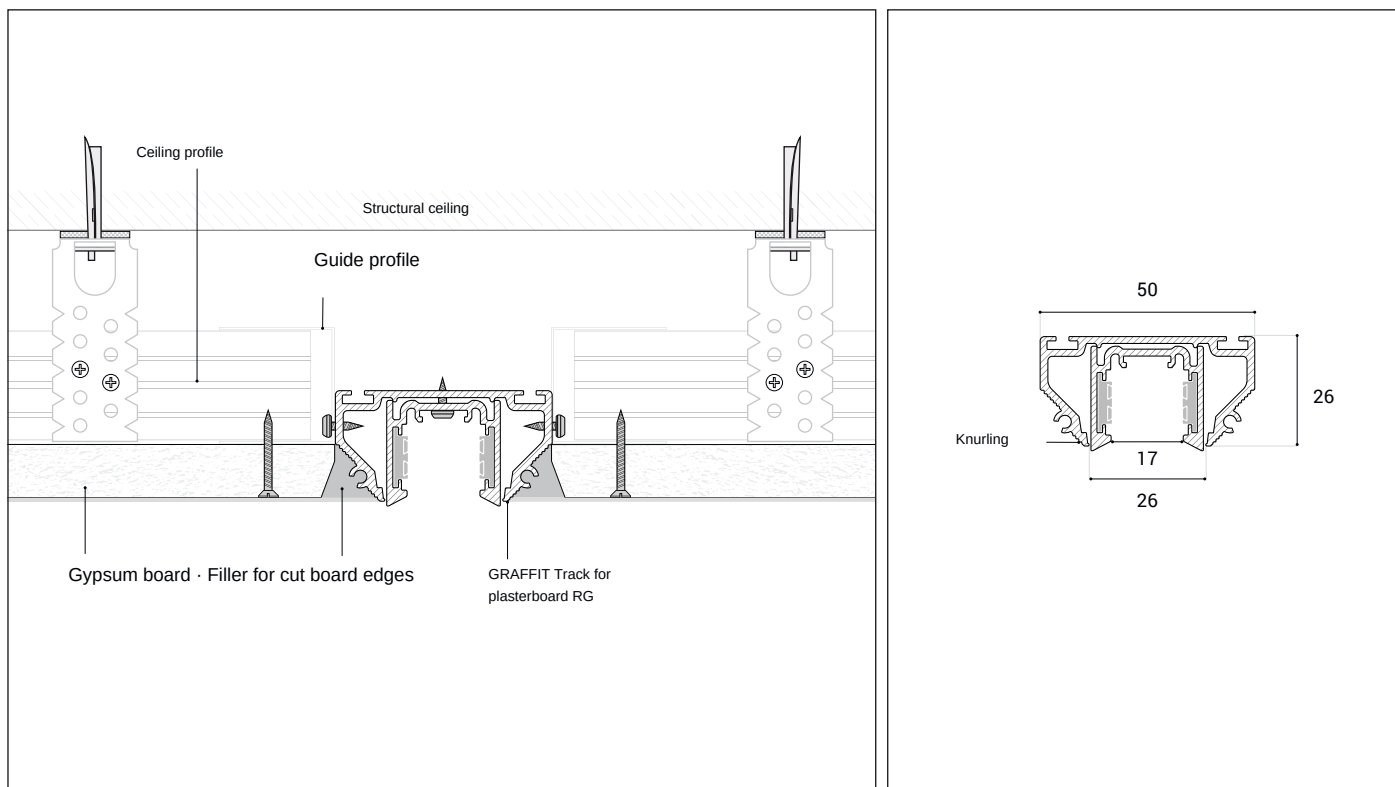
Installation with a single-level frame and single-layer 12.5 mm board sheathing.

IMPORTANT! The GRAFFIT INTR-RG profile is easiest to install with double-layer sheathing of at least 25 mm total thickness: in that case there is no need to cut the frame and the profile can be fixed directly to the load-bearing profiles.

Installation sequence: Assemble the frame-and-sheathing structure without crossing the INTR-RG

- 1 installation area with a profile; the mounting gap must be at least 60 mm, and the distance from the INTR-RG centre to the centre of the nearest hanger at least 100 mm. After cutting the INTR-RG to size,
- 2 fix the end cap. Then screw the guide profile of the frame structure to the INTR-RG using screws no
- 3 longer than 9.5 mm at 40-60 cm spacing, offset 13 mm from the top. For convenience you can use a self-made jig: a flat base on which two gypsum boards lie with a gap equal to the INTR-RG width and a spacer equal in height to the finish thickness. The INTR-RG is placed into the resulting groove and the
- 4 guide profile is screwed to it from the side. Install the INTR-RG into the frame by fitting the guide profile
- 5 onto the ceiling profile; if necessary, fit one side only and insert the ceiling profile into it. For corners or
- 6 straight joints use a flat corner or flat straight connector. Lead the power cable into the INTR-RG body
- 7 and test it before boarding. Before the final fixing of the INTR-RG in the ceiling frame, be sure to install
- 8 the painting plug: it protects the interior and sets the gap needed for the later track installation. Once the
- 9 INTR-RG is in its design position, fix the frame profiles with a punch-lock crimper. Screw the gypsum
- 10 board to the frame with a 1.5-2 mm gap from the INTR-RG body, with a 22.5° chamfer cut to 2/3 of the
- 11 depth, and fill it with filler for cut gypsum board joints. After painting is finished, remove the painting plug

by pressing it inwards and carefully taking it out. The GRAFFIT Track for plasterboard RG is installed after all finishing works: it is cut to size, connected to the mains and screwed inside the INTR-RG through pre-drilled holes.



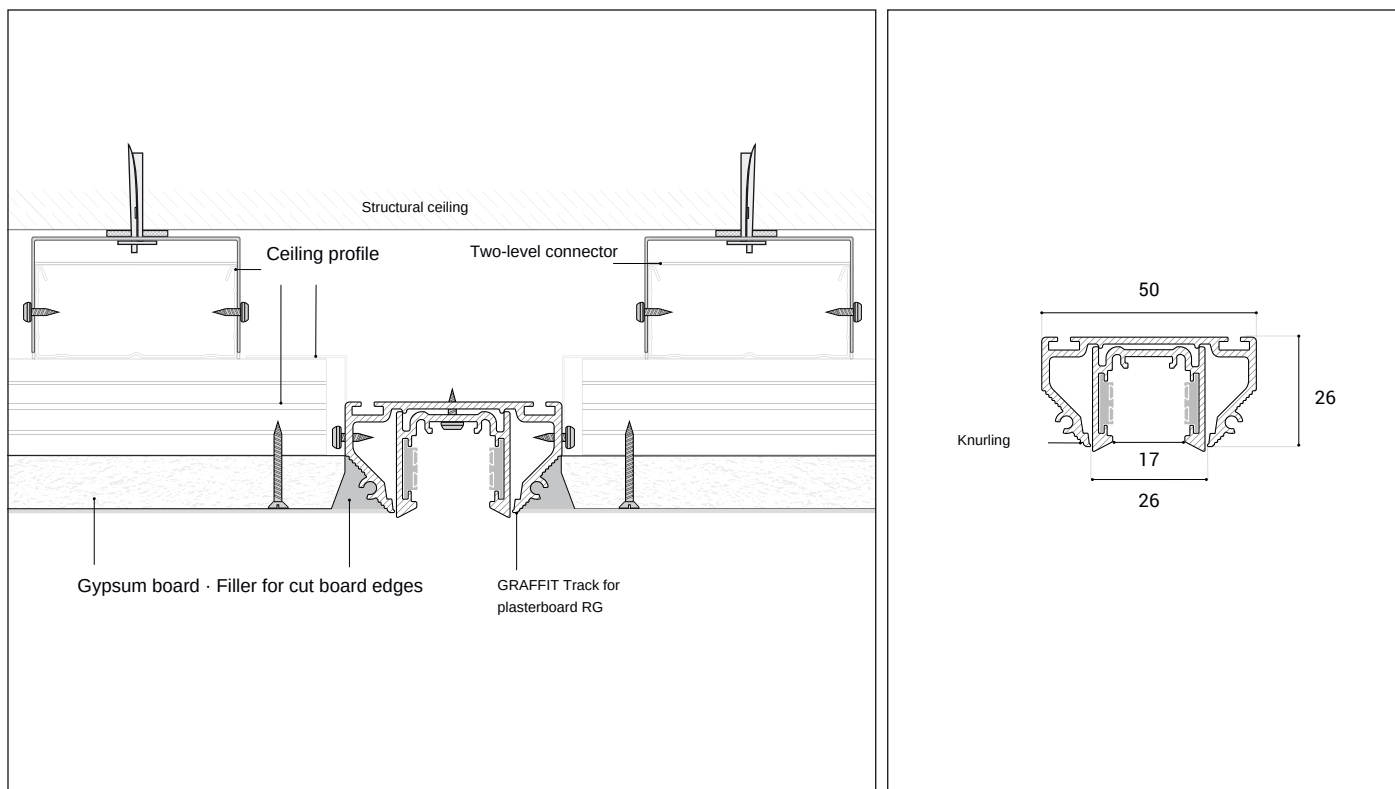
Installation example. Vertical section · GRAFFIT Track for plasterboard RG cross-section

Built-in profile GRAFFIT INTR-RG in frame-and-sheathing structures · GRAFFIT Track for plasterboard RG

Installation with a two-level frame and single-layer 12.5 mm board sheathing.

IMPORTANT! The GRAFFIT INTR-RG profile is easiest to install with double-layer sheathing of at least 25 mm total thickness: in that case there is no need to cut the frame and the profile can be fixed directly to the load-bearing profiles.

- Installation sequence: Assemble the frame-and-sheathing structure without crossing the INTR-RG
- 1 installation area with a load-bearing profile; the mounting gap must be 60-70 mm. After cutting the
 - 2 INTR-RG to size, fix the end cap. Then screw the guide profile of the frame structure to the INTR-RG
 - 3 using screws no longer than 9.5 mm at 40-60 cm spacing, offset 13 mm from the top. For convenience you can use a self-made jig: a flat base on which two gypsum boards lie with a gap equal to the INTR-RG width and a spacer equal in height to the finish thickness. The INTR-RG is placed into the resulting
 - 4 groove and the guide profile is screwed to it from the side. When the INTR-RG runs along a load-bearing
 - 5 profile, the guide profile must be omitted where it crosses the main one. Install the INTR-RG into the
 - 6 frame by fitting the guide profile onto the ceiling profile; if necessary, fit one side only and insert the
 - 7 ceiling profile into it. For corners or straight joints use a flat corner or flat straight connector. Lead the
 - 8 power cable into the INTR-RG body and test it before boarding. Before the final fixing of the INTR-RG in
 - 9 the ceiling frame, be sure to install the painting plug: it protects the interior and sets the gap needed for
 - 10 the later track installation. Once the INTR-RG is in its design position, fix the frame profiles with a
 - 11 punch-lock crimper. Screw the gypsum board to the frame with a 1.5-2 mm gap from the INTR-RG body,
 - 12 with a 22.5° chamfer cut to 2/3 of the depth, and fill it with filler for cut gypsum board joints. After painting
- is finished, remove the painting plug by pressing it inwards and carefully taking it out. The GRAFFIT Track for plasterboard RG is installed after all finishing works: it is cut to size, connected to the mains and screwed inside the INTR-RG through pre-drilled holes.



Installation example. Vertical section

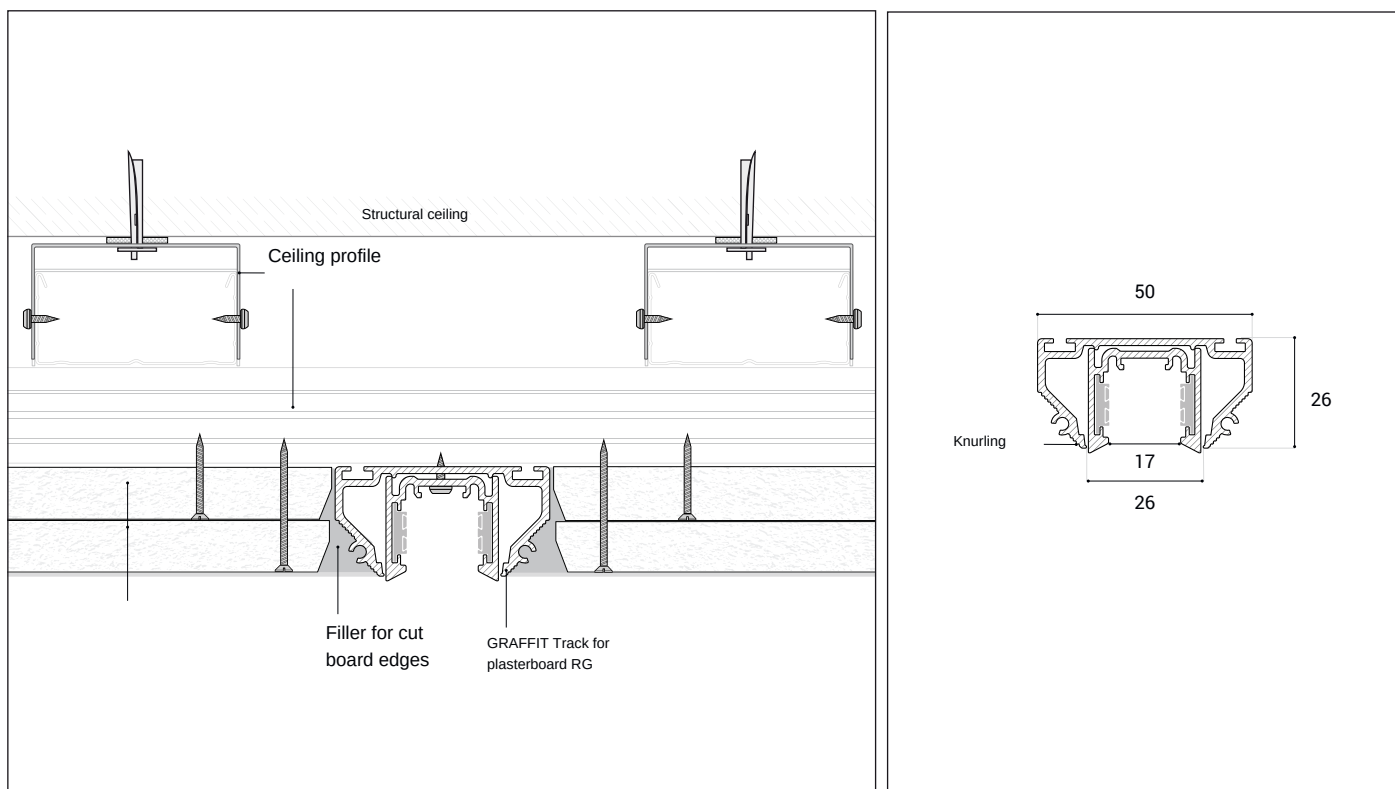
GRAFFIT Track for plasterboard RG cross-section

Built-in profile GRAFFIT INTR-RG in frame-and-sheathing structures · GRAFFIT Track for plasterboard RG

Installation with a frame and 25 mm board sheathing.

IMPORTANT! The GRAFFIT INTR-RG profile is easiest to install with double-layer sheathing of at least 25 mm total thickness: in that case there is no need to cut the frame and the profile can be fixed directly to the load-bearing profiles.

- Installation sequence: Assemble the frame-and-sheathing structure so that the load-bearing profiles
- 1 cross the INTR-RG at no more than 30 cm spacing and contain a timber or plywood backing inside.
 - 2 After cutting the INTR-RG to size, fix the end cap and make countersunk 4 mm holes where it crosses the frame profile. Fix the INTR-RG to the frame with screws no longer than 30 mm so that they
 - 3 protrude from the INTR-RG by no more than 1 mm. If fixing with screws is not possible, blind rivets may be used, provided the head protrudes from the INTR-RG by no more than 1 mm. For corners or
 - 4 straight joints use a flat corner or flat straight connector. Lead the power cable into the INTR-RG body
 - 5 and test it before boarding. Be sure to install the painting plug: it protects the interior and sets the gap
 - 6 needed for the later track installation. Screw the gypsum board to the frame with a 1.5-2 mm gap from the INTR-RG body, with a 22.5° chamfer cut to 2/3 of the depth, and fill it with filler for cut
 - 7 gypsum board joints. After painting is finished, remove the painting plug by pressing it inwards and carefully
 - 8 taking it out. The GRAFFIT Track for plasterboard RG is installed after all finishing works: it is cut to
 - 9 size, connected to the mains and screwed inside the INTR-RG through pre-drilled holes.



Installation example. Vertical section

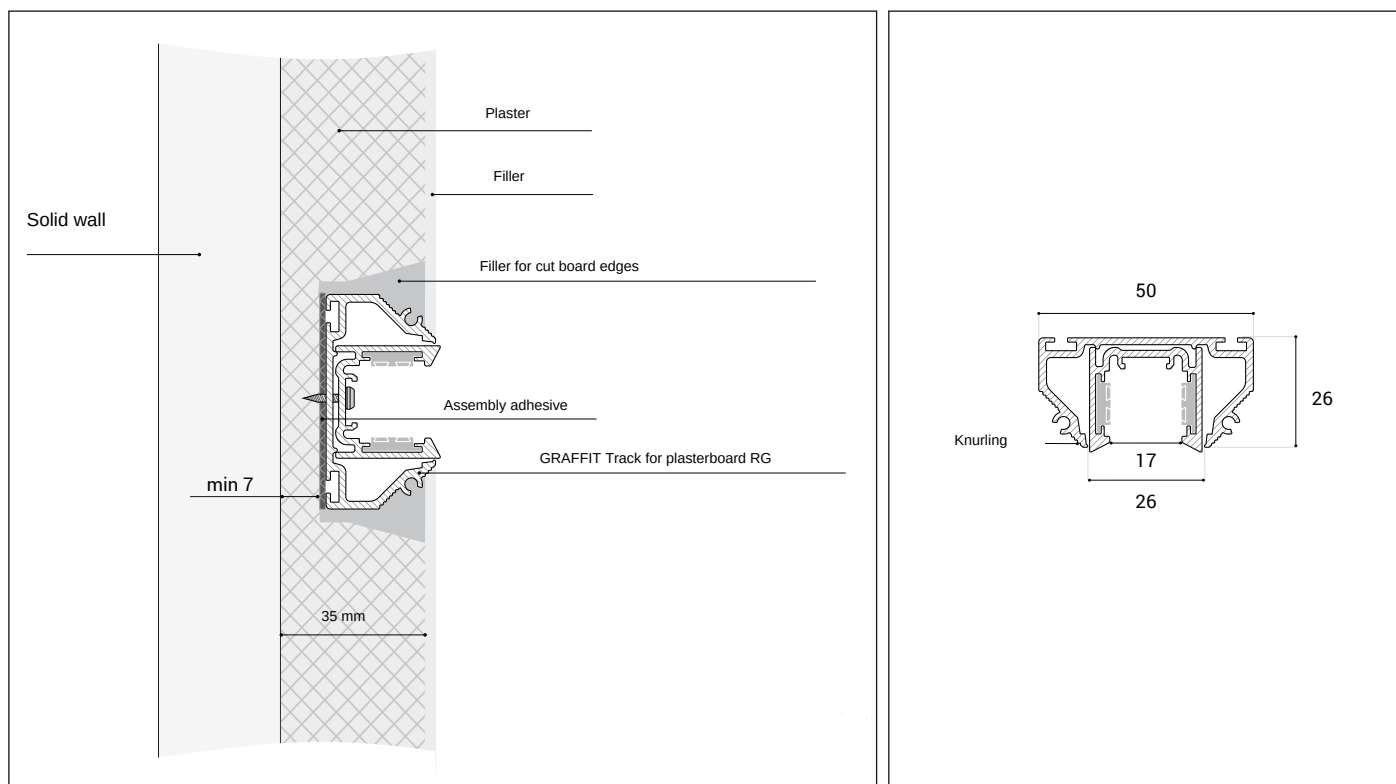
GRAFFIT Track for plasterboard RG cross-section

Built-in profile GRAFFIT INTR-RG in plastered walls · GRAFFIT Track for plasterboard RG

Installation in solid plastered walls and partitions.

IMPORTANT! The GRAFFIT INTR-RG profile is easiest to install with double-layer sheathing of at least 25 mm total thickness: in that case there is no need to cut the frame and the profile can be fixed directly to the load-bearing profiles.

Installation sequence: During plastering, leave a niche 60 mm wide and 35 mm deep in the wall; a
1 ready-made or self-made jig can be used to form it. The plaster layer behind the INTR-RG must be at
2 least 7 mm and have sufficient load-bearing capacity. Before one end of the INTR-RG, provide a
3 space for connecting the cable and the power connector where the cable excess will be led, for
4 example a concealed junction box or another cavity. After cutting the INTR-RG to size, fix the end
5 cap. Fix the INTR-RG in the plastered niche with assembly adhesive suitable for bonding aluminium
6 and the wall material. For corners or straight joints use a flat corner or flat straight connector. Lead
7 the power cable into the INTR-RG body and test it before painting. Be sure to install the painting plug:
8 it protects the interior and sets the gap needed for the later track installation. Fill the voids between
9 the INTR-RG and the plaster with a suitable joint filler, normally filler for cut gypsum board joints. After
10 painting is finished, remove the painting plug by pressing it inwards and carefully taking it out. The
GRAFFIT Track for plasterboard RG is installed after all finishing works: it is cut to size, connected to
the mains and screwed inside the INTR-RG through pre-drilled holes. It is important to use screws no
longer than 9.5 mm with pre-drilling into the INTR-RG body and the wall using a universal drill bit,
otherwise you may tear the INTR-RG out.



GRAFFIT Track for plasterboard RG cross-section · Installation example. Vertical section.