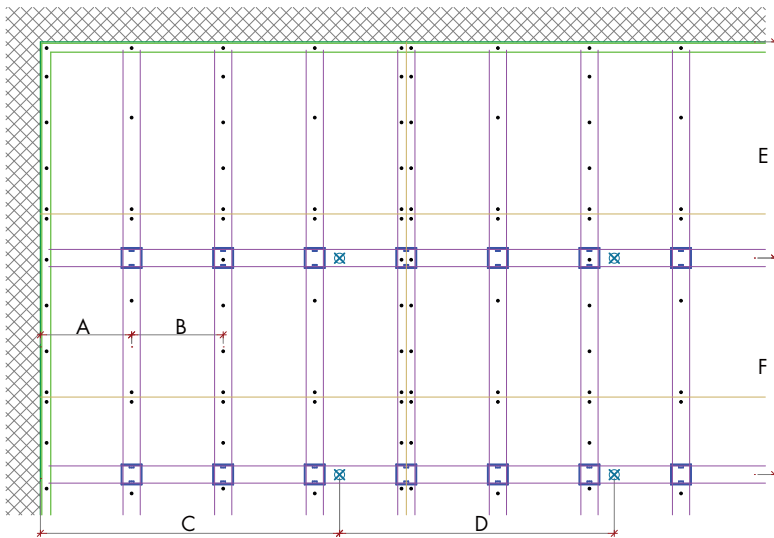








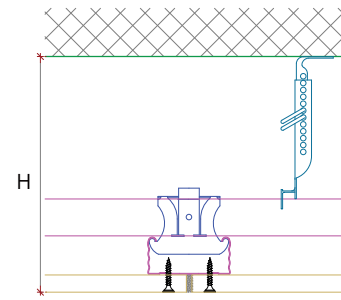
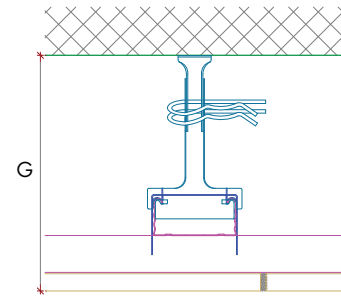
INSTALLATION GUIDE

Fig. 1



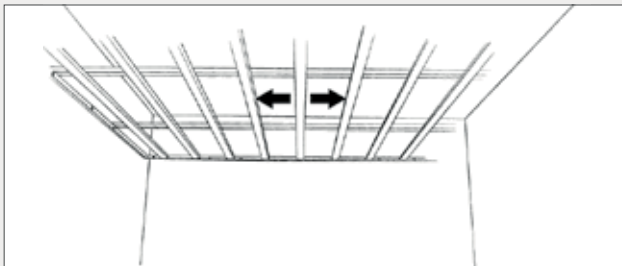
Legend:

-  Wall profile UD 28/27
-  CD profile 60/27
-  Cross fitting
-  Nonius hanger (type depending on installation depth)
-  Panel edge
-  Screw SN 3,5 x 30



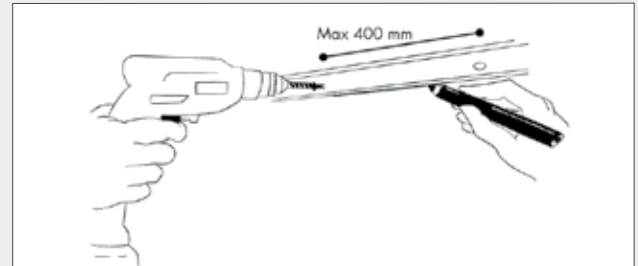
- A = Max. 300 mm B = Max. 333 mm
- C = Max. 900 mm D = Max. 900 mm
- E = Max. 900 mm F = Max. 900 mm
- G = Min. 80 mm H = Min. 80 mm

Best Practice: Handling the panels with care will avoid damage and surface contamination prior to painting and thereby ensure a good end result.



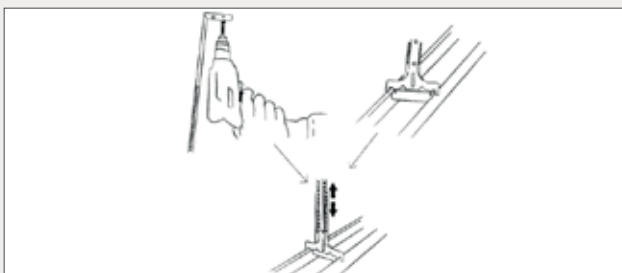
CEILING LAYOUT

- Divide the ceiling surface from the centre of the room or in accordance with the existing ceiling plans.
- Please note that expansion joints must be established on extensive ceiling surfaces at max. intervals of 15 metres in both directions. See detailed drawings on knaufdanoline.com.
- Where conditions indicate an increased risk of movement in a building, this must be taken into account by reducing the distance between expansion joints.



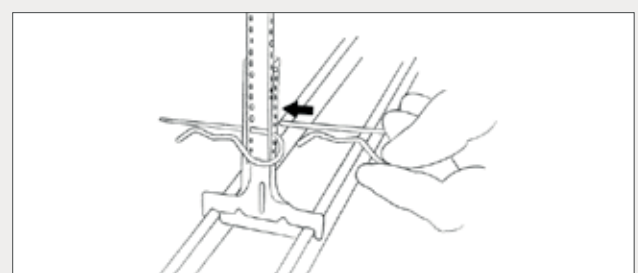
INSTALLING THE WALL PROFILE

- Mark out.
- Install the wall profile UD 28/27. Choose the method of fixing in accordance with the substrate.



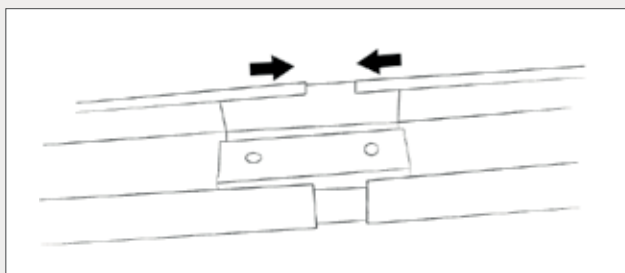
HANGERS

- Secure the upper part to the construction above it at 900 mm c/c. Choose the fixings in accordance with the substrate.
- Secure the lower part to the primary profile.



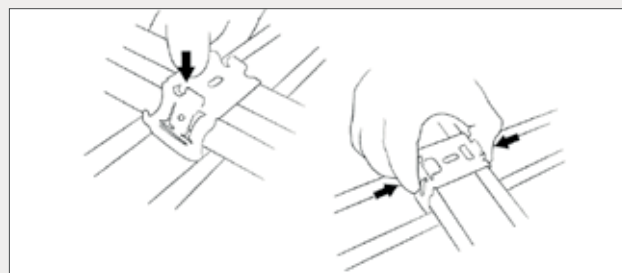
PRIMARY PROFILES

- Connect the two parts of the hangers with two split pins, one immediately above the other.



JOINING CD-PROFILES

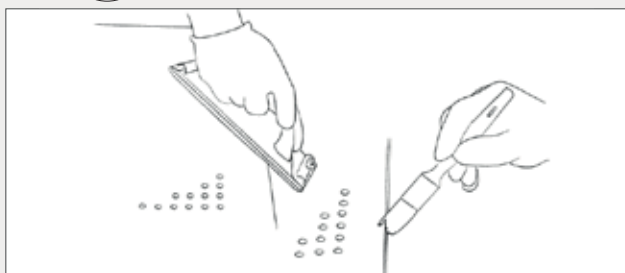
- Join the CD profiles with the help of length connectors.



SECONDARY PROFILES

- Place a cross fitting on the primary profile.
- Press the underlying secondary profile into it.
- Adjust the locations of the secondary profiles and lock the cross fitting.
- See distances in figure 1.

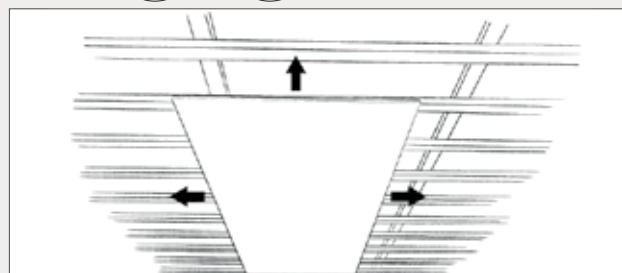
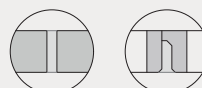
SK



PREPARING PANELS

- Break all edges with fine sandpaper on the front so that the cardboard cannot rise during painting.
- Brush the edges free from gypsum dust and prime them with Knauf Tiefengrund (universal primer).

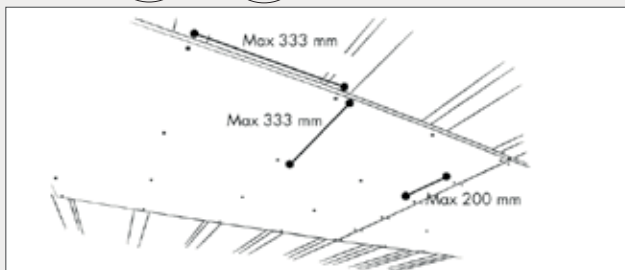
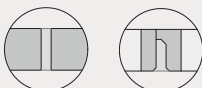
SK/FF



INSTALLATION SEQUENCE

- Begin installation in the centre of the room.

SK/FF

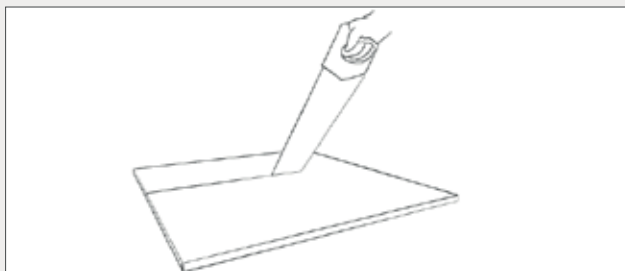
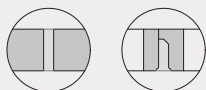


INSTALLATION

- Use a string or a laser to ensure that the perforation rows are flush. Note: The panels must all face in the same direction (red mark against blue mark).
- SK panels are supplied undersized, and must be installed at distances of 2-5 mm from each other to ensure that it is possible to insert filler all the way up between the edges.
- Make sure that the screws are countersunk without damaging the cardboard surface.

INSTALLATION GUIDE

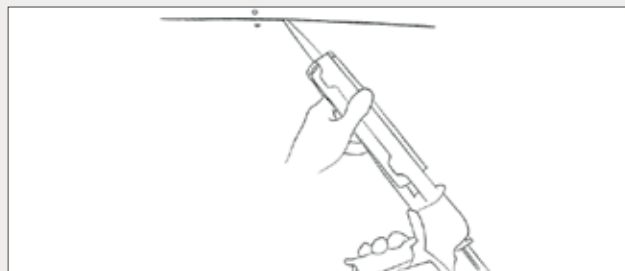
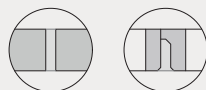
SK/FF



CUTTING

- Cut the elements to size from the front with a fine-toothed saw.
- Prime the edges with Knauf Tiefengrund (universal primer).

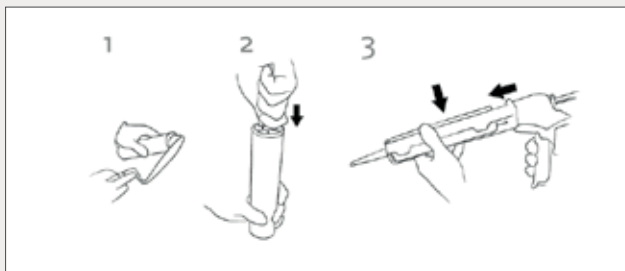
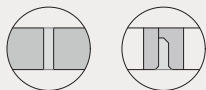
SK/FF



FILLING

- Check that the screws are countersunk and that the panels are not pushed close together.
- Check that the edges have been primed and are free from dust.
- Use Knauf Uniflott for filling.

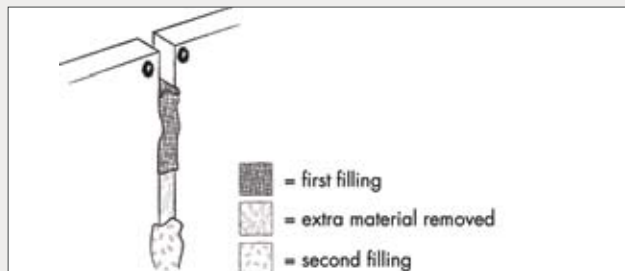
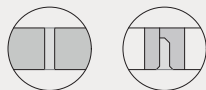
SK/FF



PREPARING KNAUF UNIFLOTT FILLER

- Prepare the filler according to the instructions on the filling package.
- Fill the tube with joint filler with the help of a putty knife.
- Attach the jointing nozzle.
- Insert the tube and nozzle into a jointing gun.

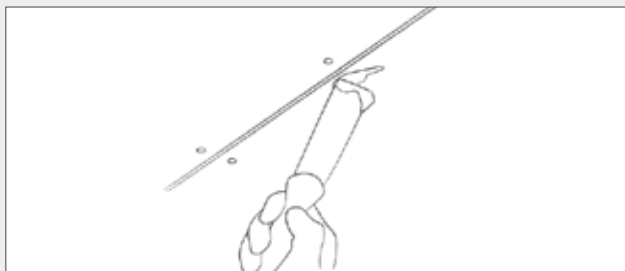
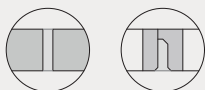
SK/FF



FILLING

- Fill the joint with filler (Knauf Uniflott). Use a jointing gun or press the filler into the joint with a filling knife. Overfill slightly and make sure that the filler is pressed all the way up between the edges of the panels and avoid getting filler in the perforations.
- Press the filler up again by running a finger over the joint. Fill again.
- Allow the filler to dry for about 45 minutes.
- Remove surplus filler.
- Allow the filler to dry.
- Apply the second layer of filler (Knauf Uniflott Finish). Overfill slightly.
- Allow the filler to dry.

SK/FF



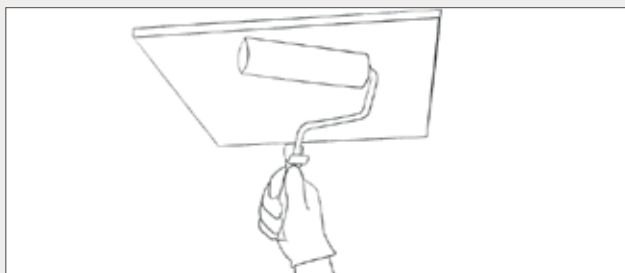
FILLING SCREW HOLES

- Apply the filler (Knauf Uniflott Finish). Overfill slightly. We recommend the use of Knauf Danogips „Acoustic filling knife for holes“ in order to avoid filler getting into the perforation holes.
- Allow the filler to dry.



SANDING

- Make sure that the filler is completely dry.
- Sand with fine sandpaper until the surface is completely smooth. Be careful not to damage the cardboard surface.



PAINTING

- Make sure that the filler is completely dry and the surface is smooth and free from dust.
- Priming should be carried out in accordance with the paint manufacturer's instructions.
- Apply the paint with a roller so that the acoustic felt on the perforated panels is not sealed. Use a fine mohair roller.
- Make sure that the paint is not too thick and avoid applying too much paint at a time.