

INSTALLATION GUIDE 600 x 600 mm module

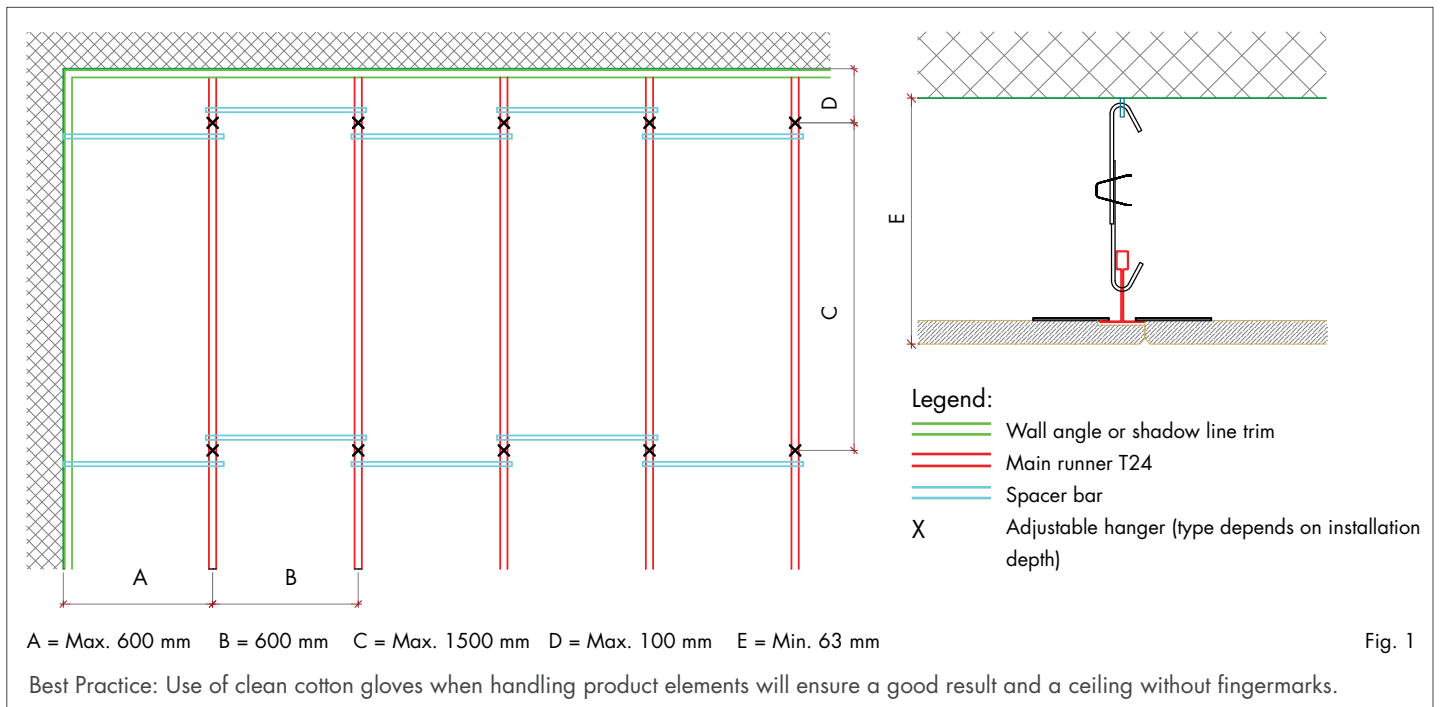
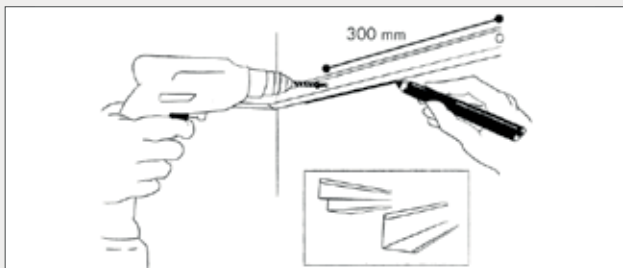
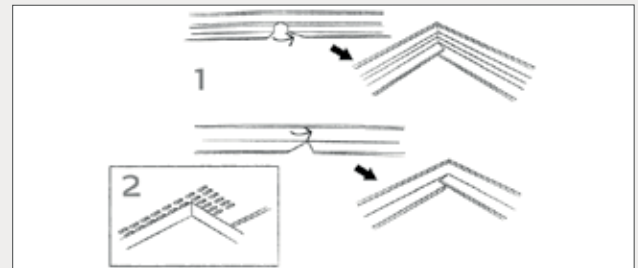


Fig. 1



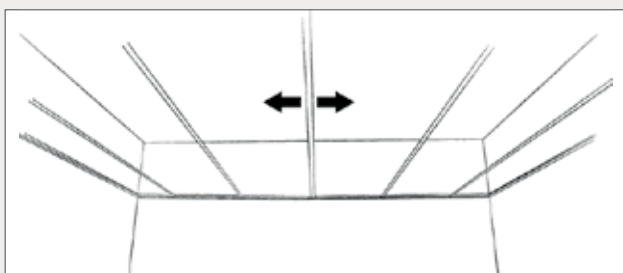
MARKING AND WALL ANGLES

- Mark the location of the wall angles on the walls and columns in relation to the required ceiling height.
- Install the wall angles at max. 300 mm c/c. Choose the fixings in accordance with the substrate.



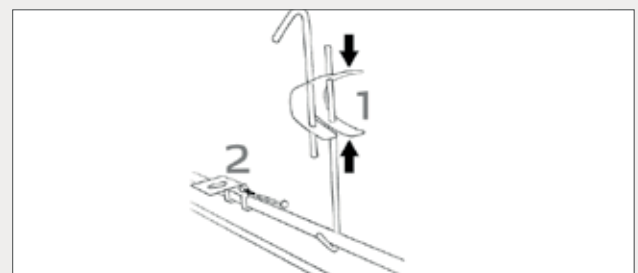
CORNERS

- Inside corners (1): cut the corners in a false mitre letting the ends overlap each other, unless anything to the contrary is specified. Finish with a corner cover, if necessary.
- Outside corners (2): must always be mitred. Finish with a corner cover if necessary.



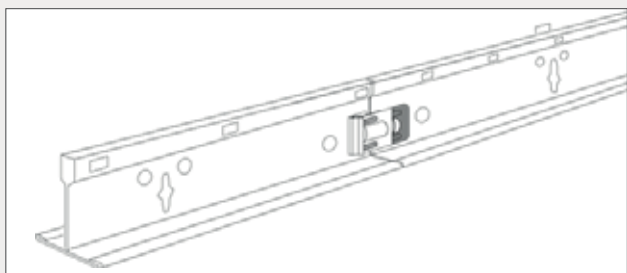
CEILING LAYOUT

- Divide the ceiling surface from the centre of the room or in accordance with the existing ceiling plans.
- The location of light fittings and ventilation units will have an influence on ceiling layout.
- Install the first main runner at max. 600 mm from the wall. The other main runners should be installed at 600 mm c/c (based on module 600).



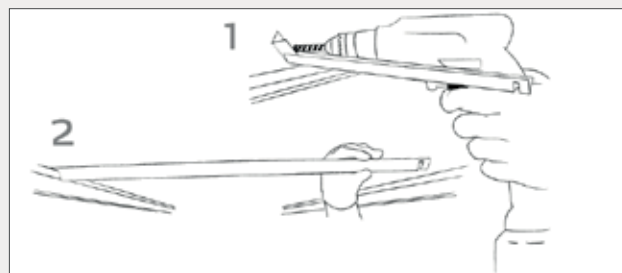
HANGERS

- Fix adjustable hangers (1) with eye screws or similar securely fastened to the primary construction.
- Direct hangers (2) are secured to the ceiling using appropriate fixings in accordance with the substrate and locked to the main runner with a nail.
- Install the first hanger at max. 100 mm from the wall. The other hangers should be installed at max. 1500 mm c/c.
- If loads from light fittings etc. are to be borne by the ceiling, install additional hangers.
- Refer to distances in figure 1.



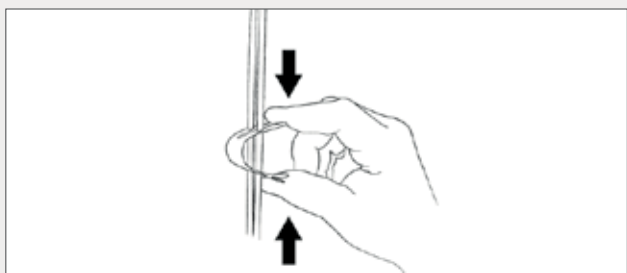
MAIN RUNNERS

- Install the main runners parallel to each other so that the slots are directly opposite each other.
- Join the main runners longitudinally by clicking them together.
- Adjust the lengths of the profiles with plate shears, a hacksaw or a cross-cut saw with a special blade.
- Make sure there is a hanger between the end joints of the main runners and the fire break.



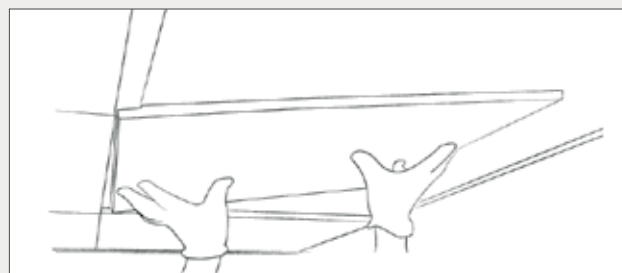
SPACER BARS

- Align the first main runner along one of the walls and secure it with the help of adjusted spacer bars screwed into the wall (1).
- Install the other spacer bars (2).
- NB! When using 50 mm direct hangers, the spacer bars must be installed at the same time as the main runners (or it will not be possible to install the spacer bars).



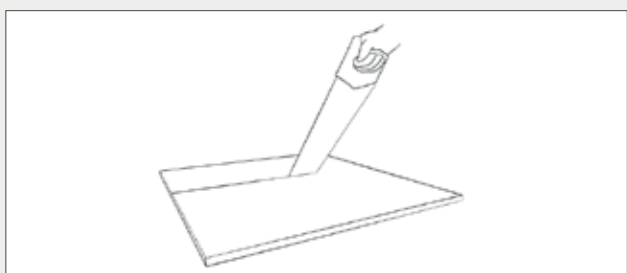
ADJUSTMENT

- Check that all profiles are correctly aligned when the entire suspension grid has been installed.
- Adjust the hangers so that they are taut and the ceiling surface is level.



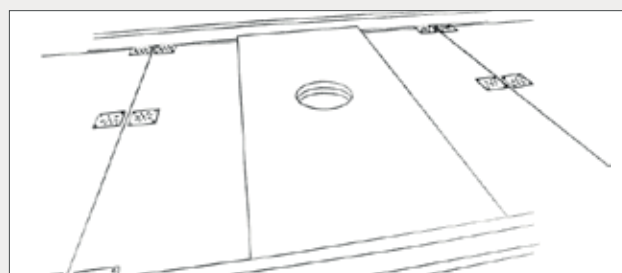
INSTALLATION

- Always wear clean cotton gloves when handling ceiling elements.
- Install the elements by lifting the "male" side up across the one main runner, then push the "female" side into position on the opposing main runner and lower the "male" side on the first main runner.
- Check that all metal clips are resting on the main runner.



CUTTING AND FINISHING

- Cut the elements to size from the front with a fine-toothed saw.
- If metal clips are installed in the place where the element is to be cut, they must be removed first.
- Grip the metal with a pair of pliers and twist it off gently.
- A new metal clip can be pressed into position with a clip mouting tool available from Knauf Danoline.



FIXTURES AND FITTINGS

- With smaller units (of up to 3kg) a reinforcement panel of sufficient strength can be installed behind the Contur element.
- The reinforcement panel must extend all the way into the main runners, so that the weight is transferred to them.
- The total weight should not be greater than 3kg for each m² of ceiling. Where loads are greater than 3kg/m², additional hangers must be used.
- Units over 3kg, should be installed independently, so that they do not place any load on the ceiling.