

# INSTALLATION GUIDE 600 x 600 mm module

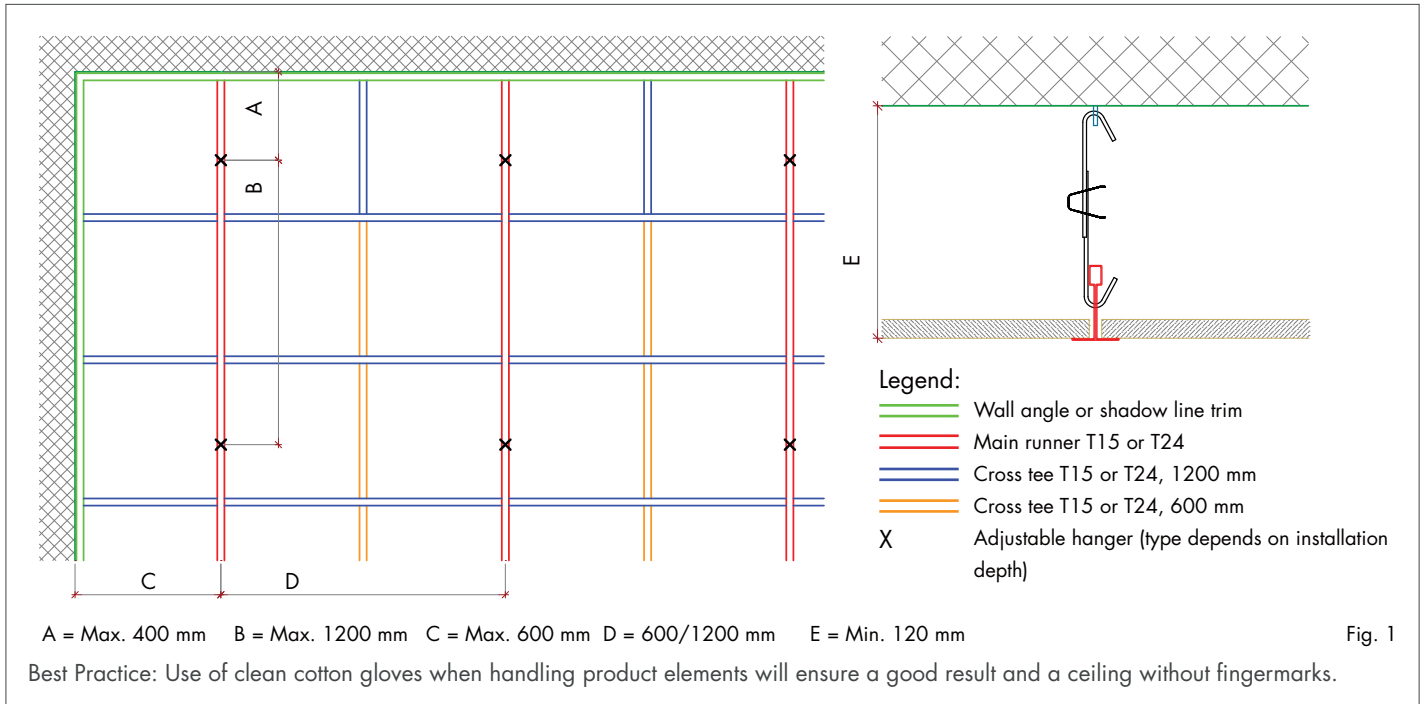
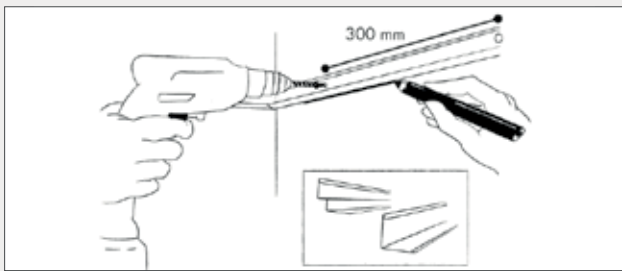
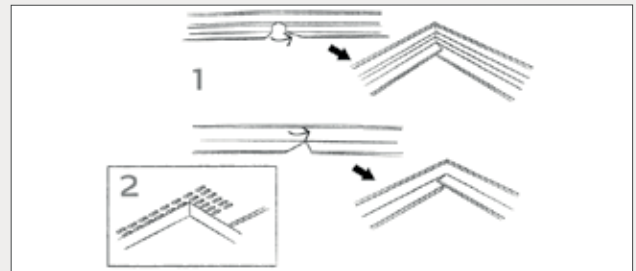


Fig. 1



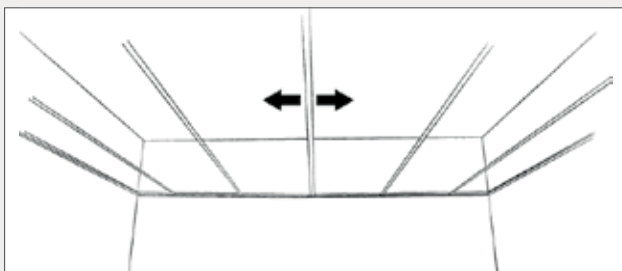
## MARKING AND WALL ANGLES

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



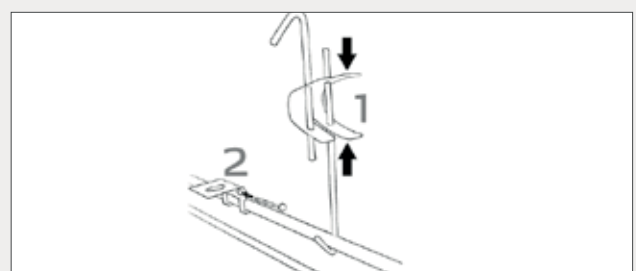
## CORNERS

- 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 and finished with a corner cover if necessary.



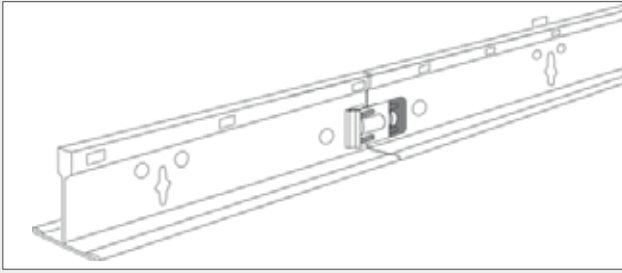
## CEILING LAYOUT

- 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.
- The first main runner is installed at max. 600 mm from the wall. The other main runners should be installed at 600/1200 mm c/c.



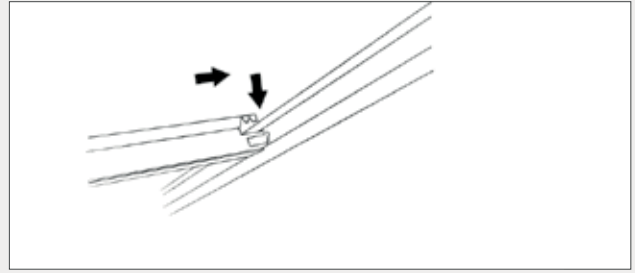
## HANGERS

- 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. 400 mm from the wall. The other hangers should be installed at max. 1200 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.



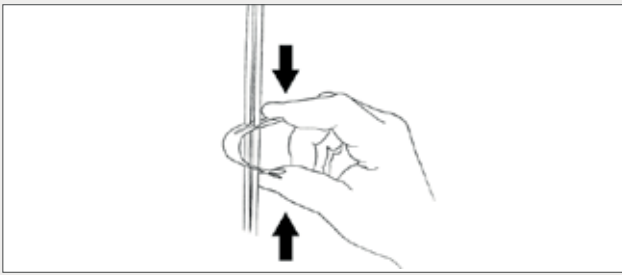
**MAIN RUNNERS**

- 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 runners with metal shears, a hacksaw or a circular power saw with a special blade.
- Make sure there is a hanger between the end joints of the main runners and the fire break.



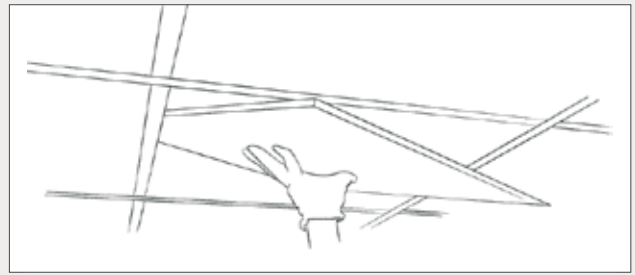
**CROSS PROFILES**

- Push the snap-in tongue into the slot on the main runner using light downward pressure.
- If there is a cross profile on the opposite side of the main runner, the new one must be on the left hand side of the one already in place.



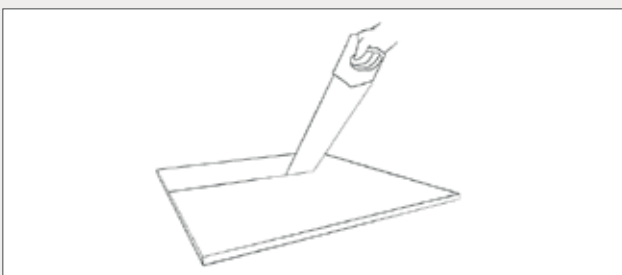
**ADJUSTMENT**

- 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.



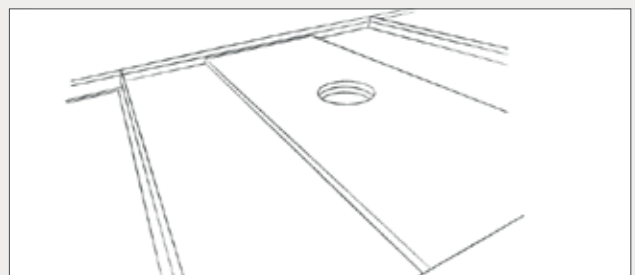
**INSTALLATION**

- Always wear clean cotton gloves when handling ceiling elements.
- Install the elements.



**CUTTING**

- Cut the elements to size from the front face.



**FIXTURES AND FITTINGS**

- For sizes up to 625x625 and min. thickness 9mm, units of up to 3kg can be installed directly into the panel without reinforcement.
- For larger module sizes and all sizes in 6mm thickness, a reinforcement panel of sufficient strength can be installed behind the Danotile 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 m<sup>2</sup> of ceiling. Where loads are greater than 3kg/m<sup>2</sup>, additional hangers must be used.
- Units over 3kg, should be installed independently, so that they do not place any load on the ceiling.