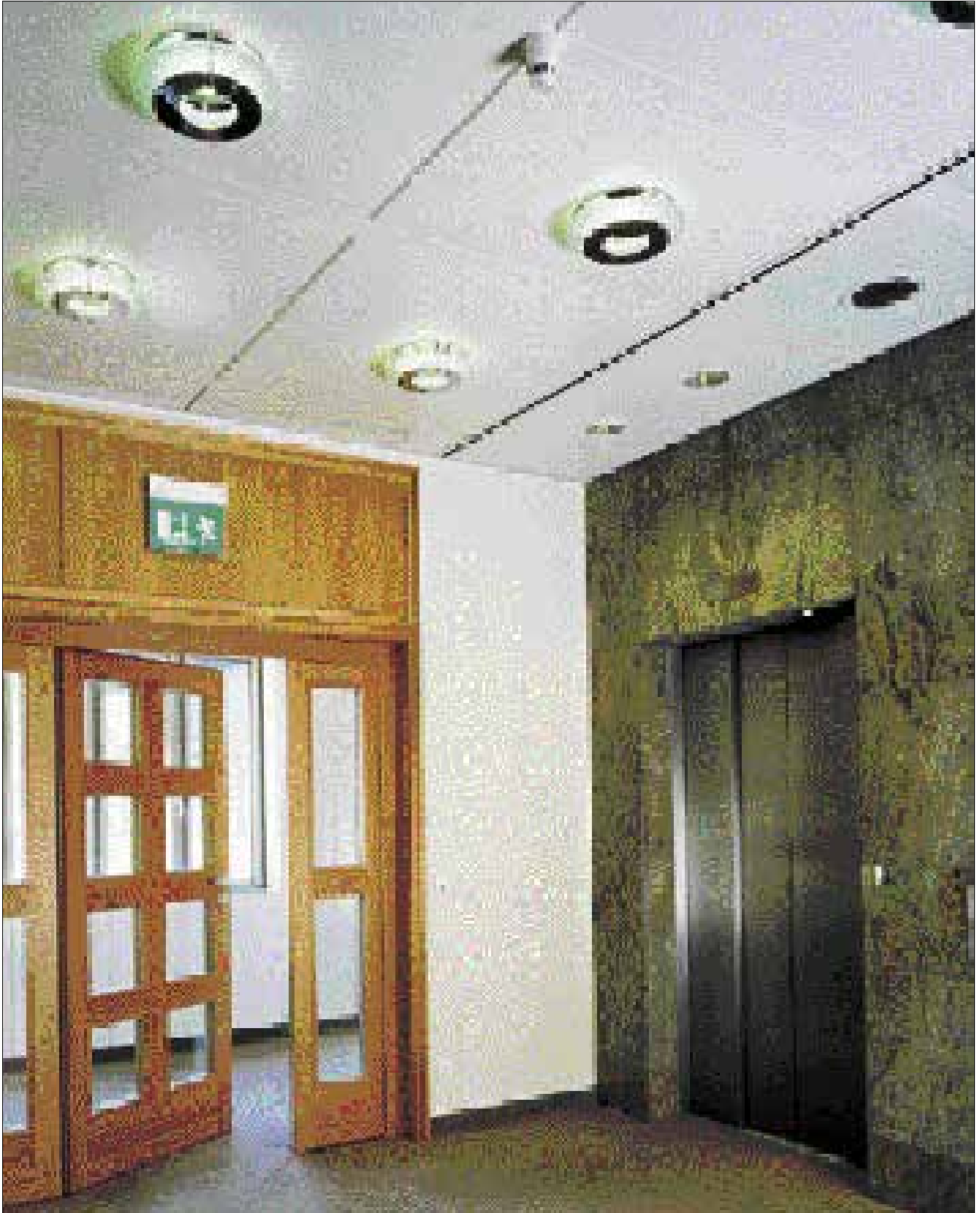


Joints and cut-outs



Cut-outs

Rectangular and round cut-outs, without reinforcement upstands, can be pre-fabricated in almost any size.

On request, rectangular cut-outs can also be formed with hemmed edges on the concealed surface.

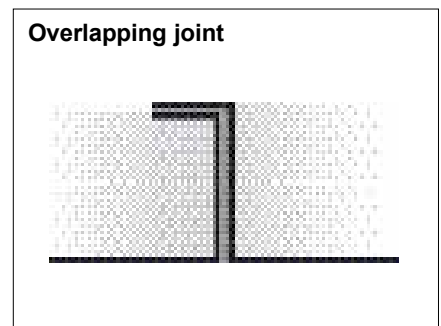
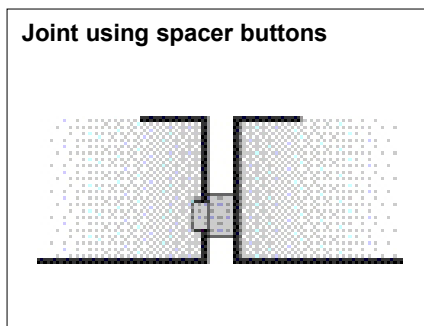
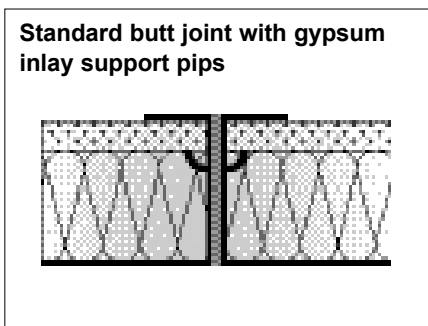
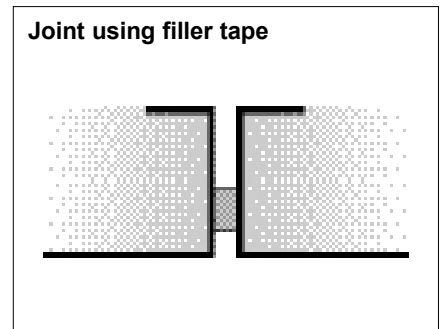
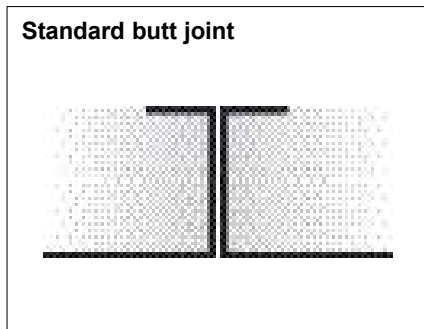
Rectangular cut-outs can be supplied with either a plain or perforated borders all round, it is important to specify your preference.

Dependent on the ceiling system, pre-fabricated reinforcement profiles can be integrated.



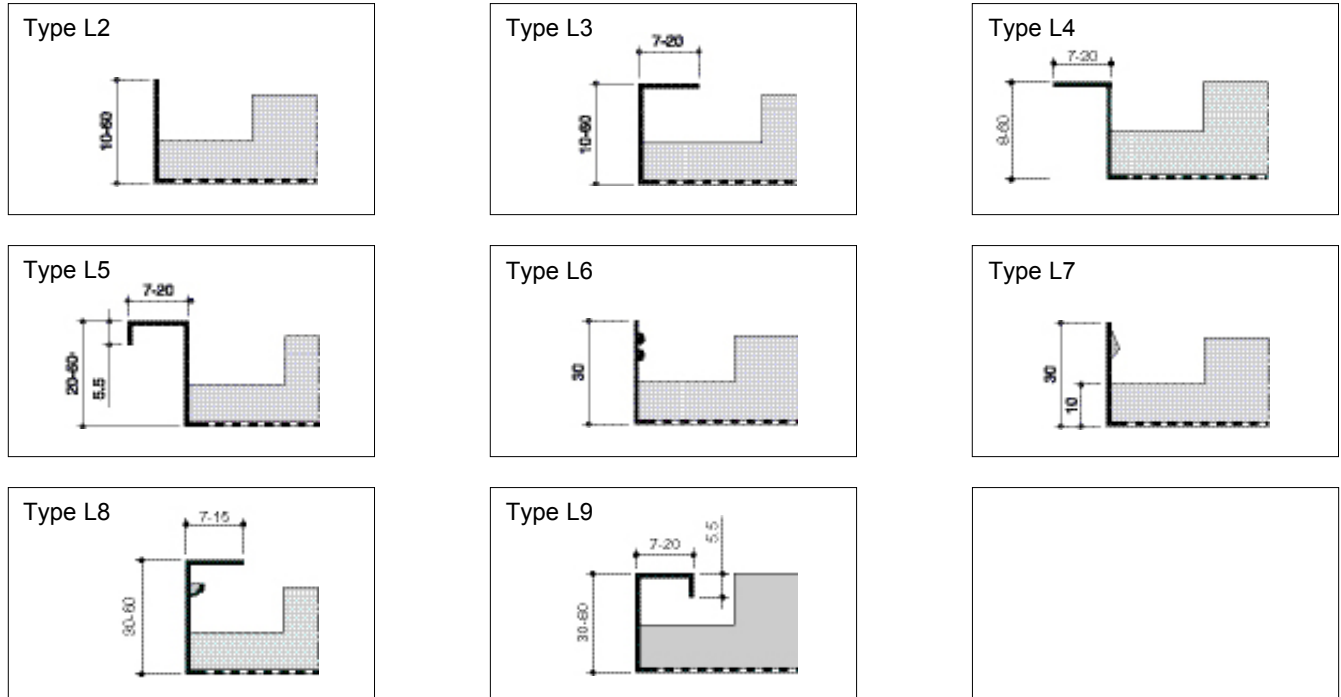
Joint finishing

All ceiling panels can be manufactured to incorporate spacer buttons or joint filler tape (standard 3 or 5 mm). For special applications, other joint filler solutions can be established.

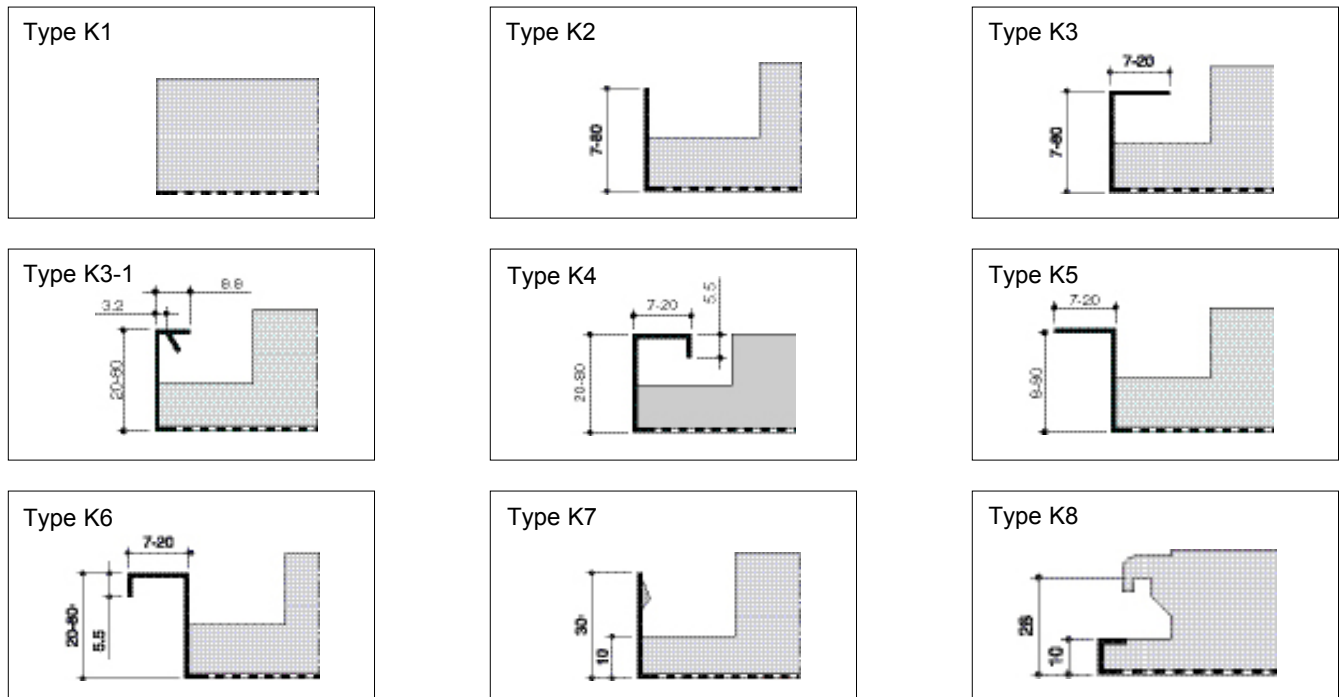


Panel bending types

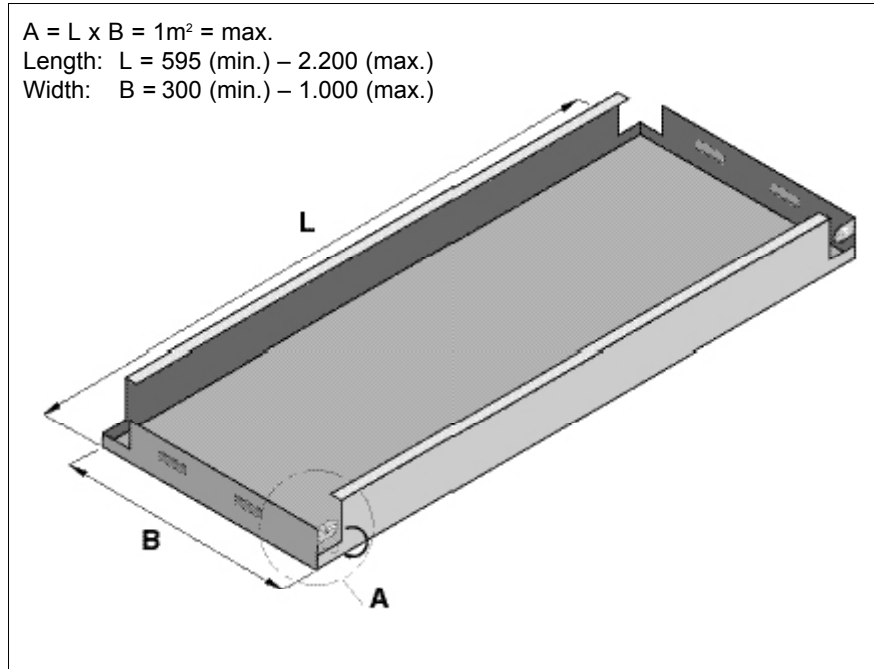
Long end bending types L:



Top end bending types K:



Swing System with clip-in wings



Details and opportunities

- Fully accessible corridor panels wherever needed.
- Bandraaster ceiling.
- Ideal for the installing with chilled ceiling elements.
- Available perforated with acoustical fleece backing, or plain.

Description

- 0.7 mm galvanized steel;
- Width: 300 up to 1.000 mm;
- Length: 595 up to 2.200 mm;
- Panel length x width dimensions must not exceed maximum allowable area of 1 m²;
- Maximum load bearing when using CC clip-in support profiles:
- 7.0 kg/panel with a safety factor of 3.

Surface finishing

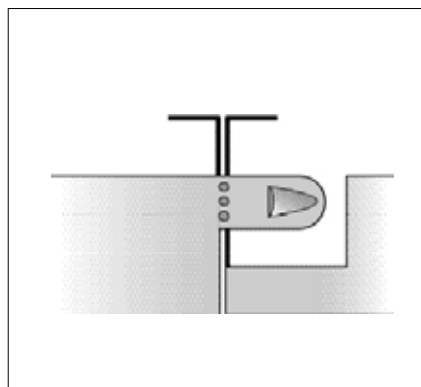
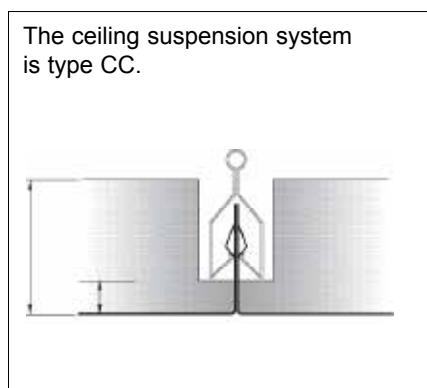
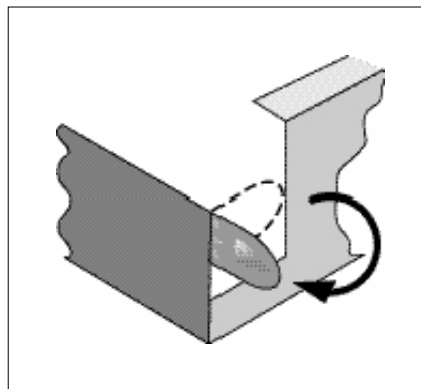
- Polyester-powder coated in standard white colour RAL 9010.
- Other colours available on request.

Installation

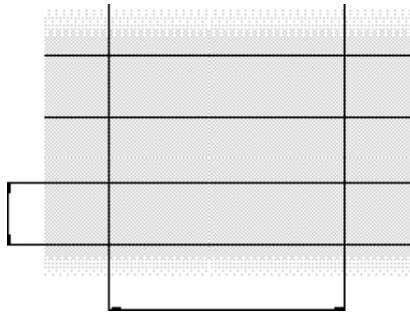
- Before installation, the wings must be bent outwards through 90° until they are parallel with the vertical face of the panel.
- The Swing access panels are secured into the suspension system by positioning them horizontally and pushing the ends, incorporating the wings and additional pips, into the support profiles.
- Suspension hanger positions must be in compliance with the load bearing requirements.

Accessibility

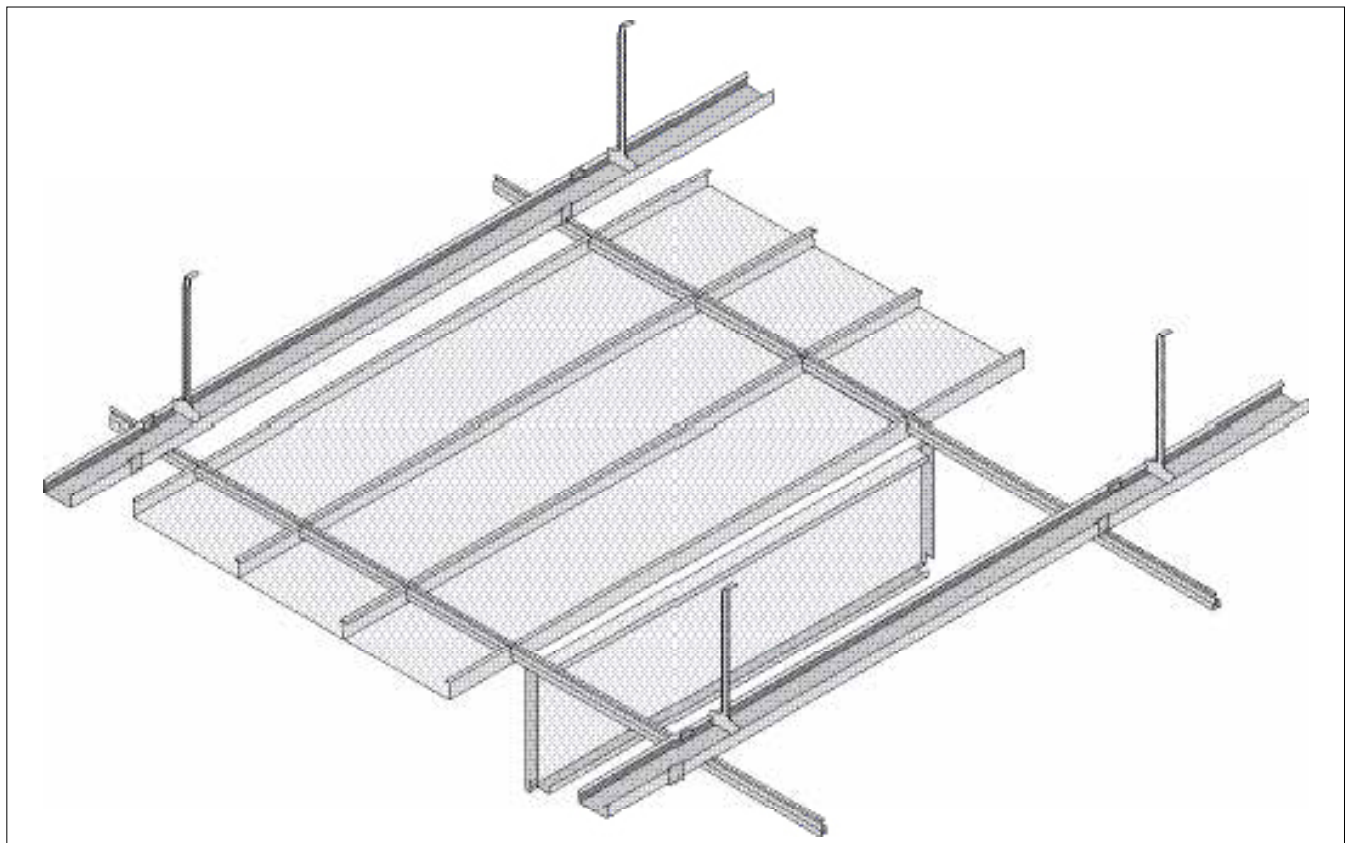
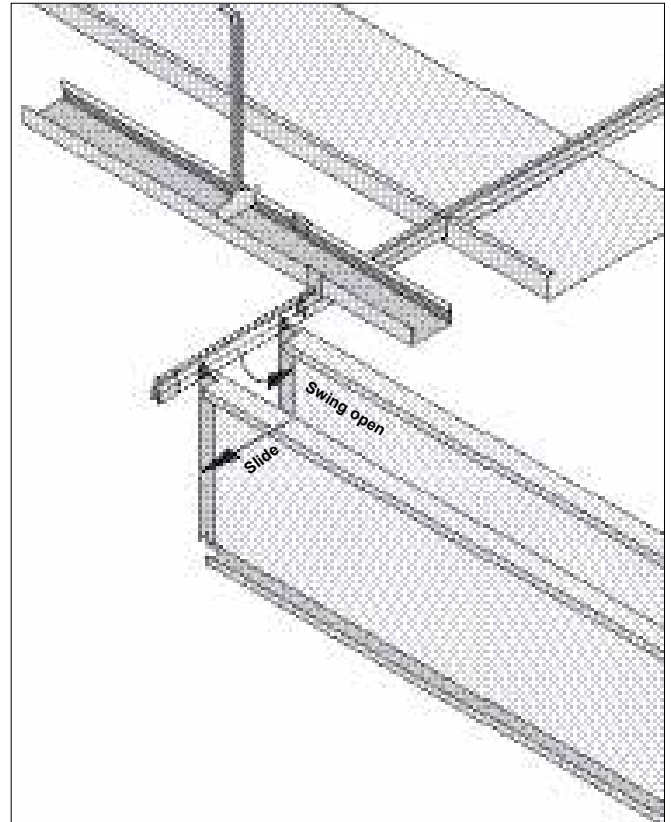
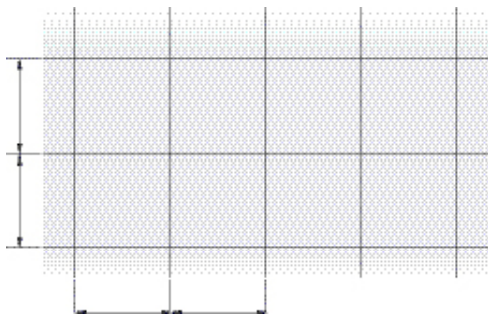
- All panels are easily accessible using an access tool or by simply pushing a hanger hook through the hole. To obtain a larger open workspace in the ceiling, those panels that hang down on their hinges, can be glided to one side.



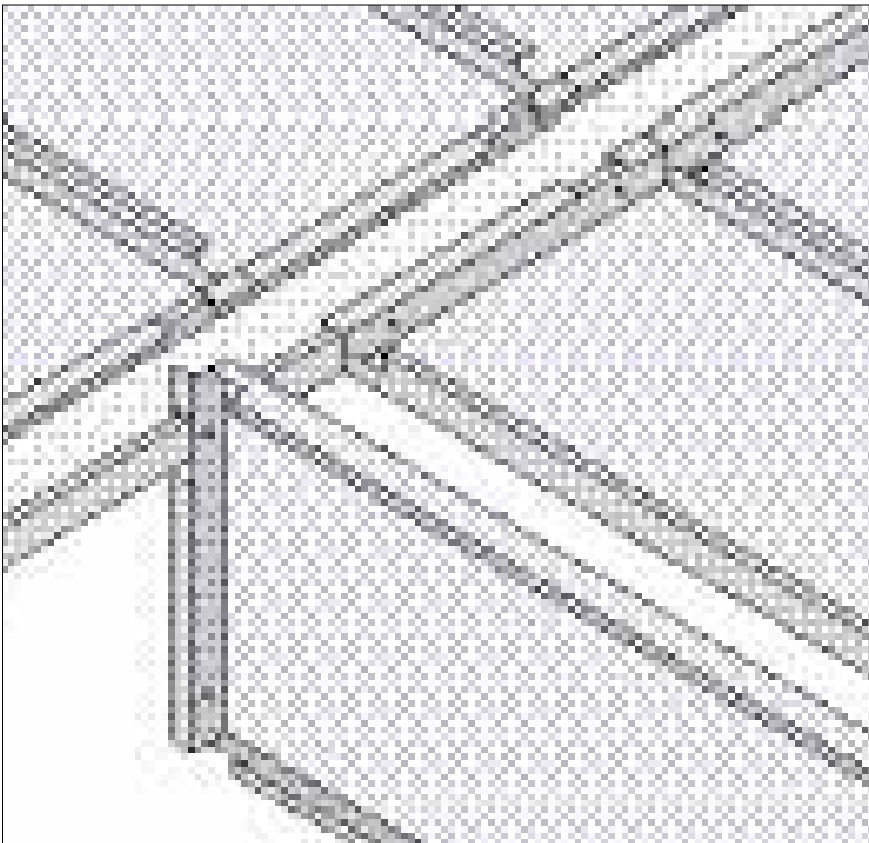
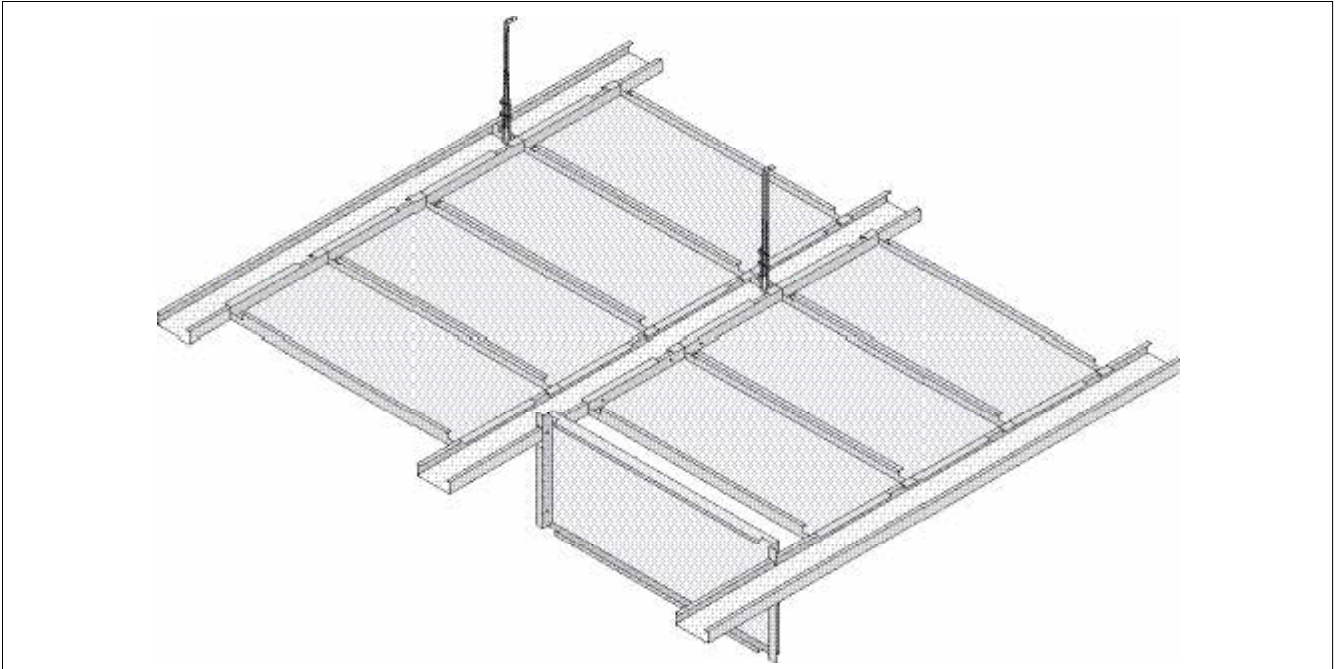
Ceiling consisting of rectangular panels



Ceiling consisting of square tiles

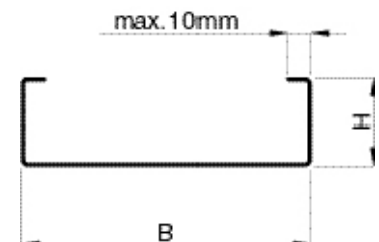


Swing system with flange cut-outs



Fully accessible swing system

- For parallel bandrastrer construction connected by ceiling panels. Available in numerous panel and bandrastrer configurations;
- Extra economical advantage when used as an accessible chilled ceiling system;
- When swung open, several ceiling panels can be glided against one another;
- 3 or 5 mm Joint Filler Tape can be applied between the ceiling panel and bandrastrer;
- Panel length x width dimensions must not exceed maximum allowable area of 1 m².



- Please note the top flanges of the bandrastrer system cannot be manufactured greater than 10 mm in width.

Hinge system using steel wires

Fully accessible hinge down system

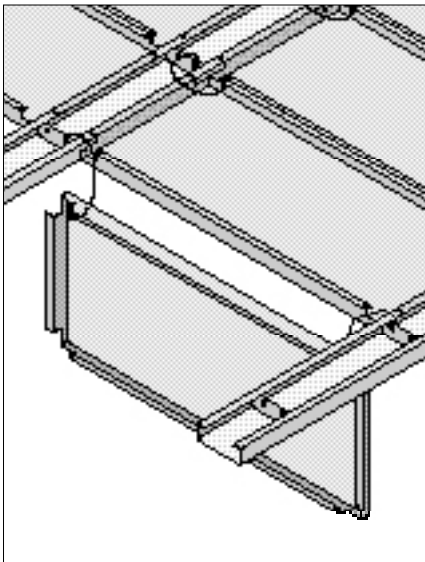
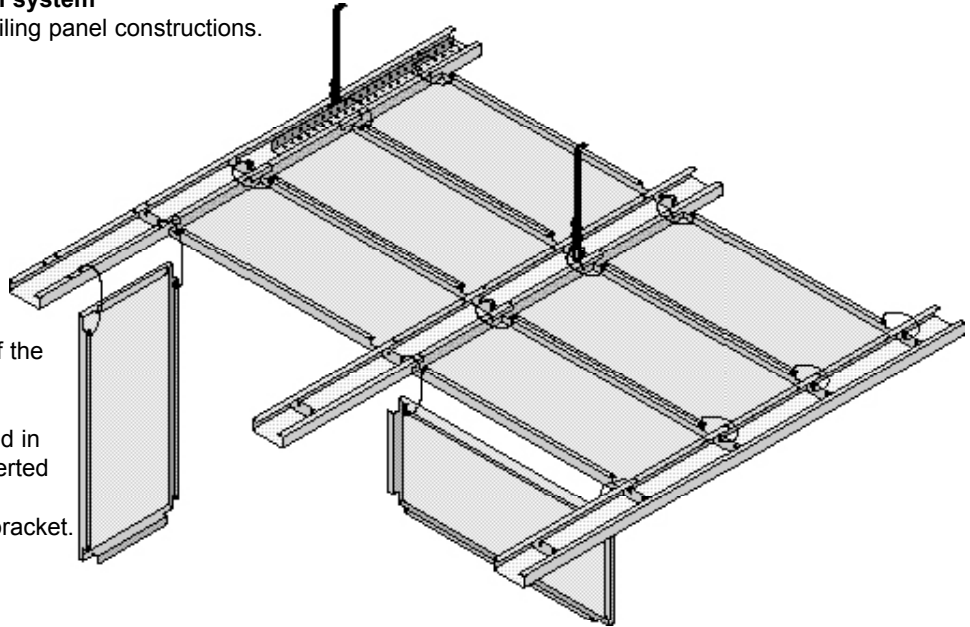
Appropriate for use with all ceiling panel constructions.

- Bandraster systems;
- Hook-on systems;
- Clip-in systems.

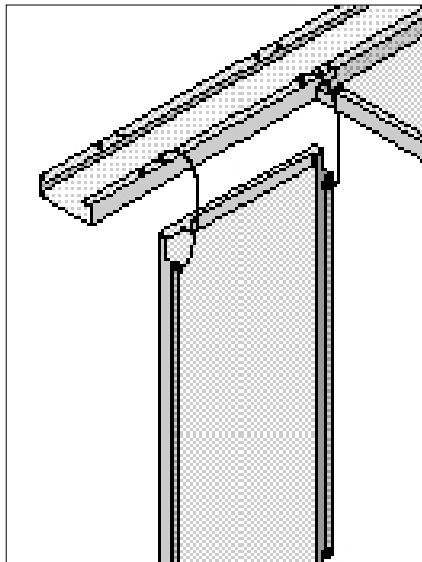
Installation of wires to bandraster ceilings

Steel wires with snap on hooks are either;

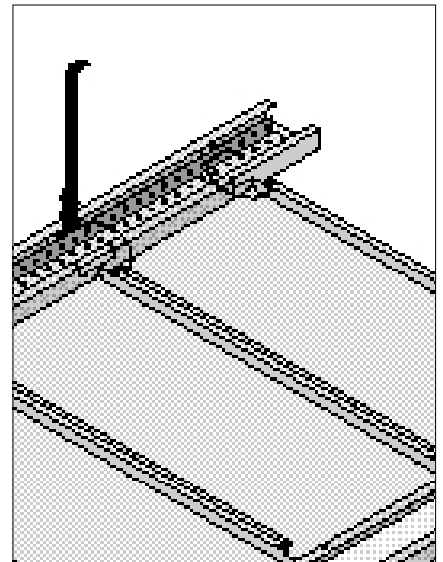
- attached to the top flange of the bandraster through the hole provided or;
- attached to the hole provided in the special angle profile inserted into the bandraster or;
- attached to the hole in the bracket.



Attached to the hole in the bracket



Attached to the top flange of the bandraster through the hole provided



Attached to the hole provided in the special angle profile inserted into the bandraster

Hinge system with steel hooks

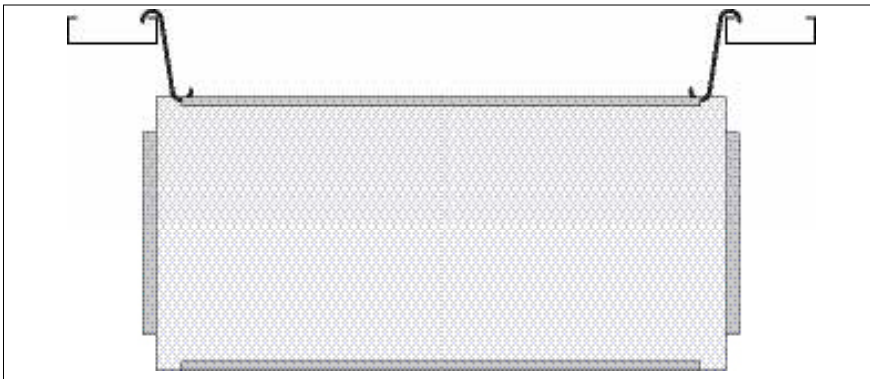
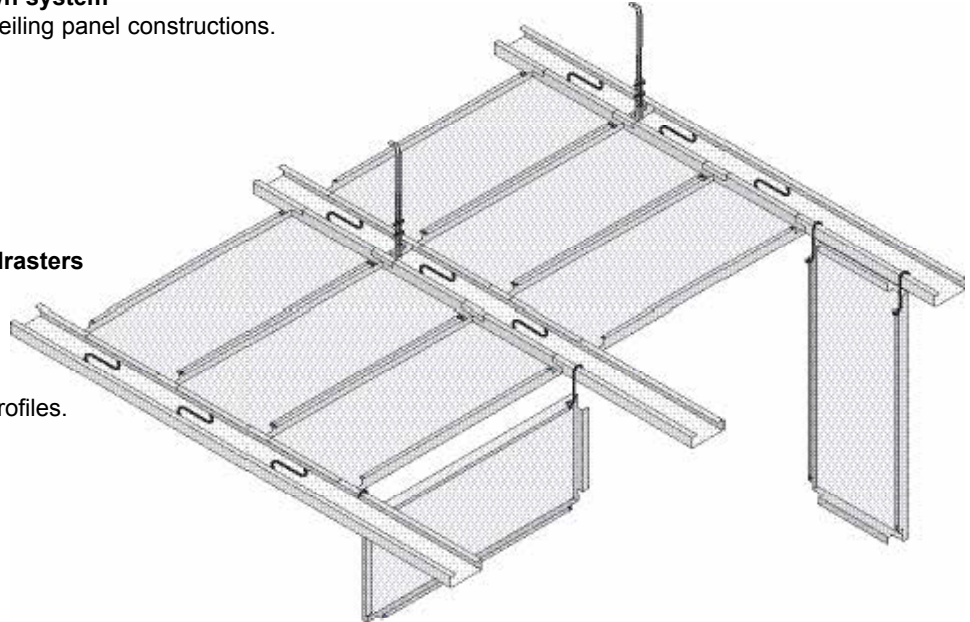
Fully accessible hinge down system

Appropriate for use with all ceiling panel constructions.

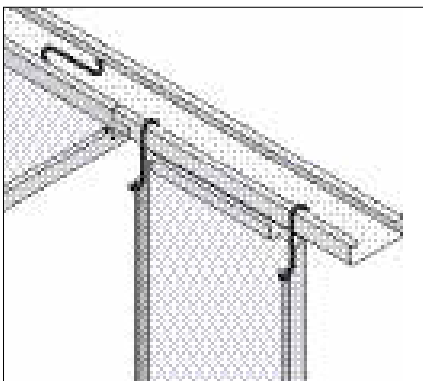
- Bandraster systems;
- Hook-on systems;
- Clip-in systems.

Support method from bandrasters

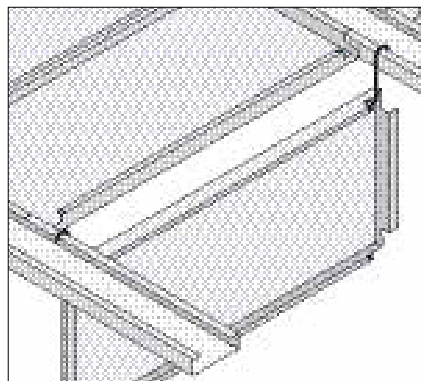
- by hanging panels from their short ends over one profile.
- by hanging panels from their long sides over two profiles.



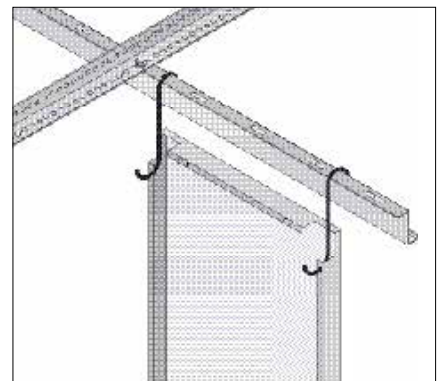
Steel hook



Hanging panels from their short ends.



Hanging panels from their long sides.



Hanging panels from the hook-on system.

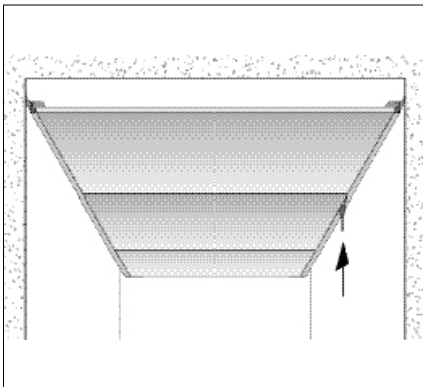
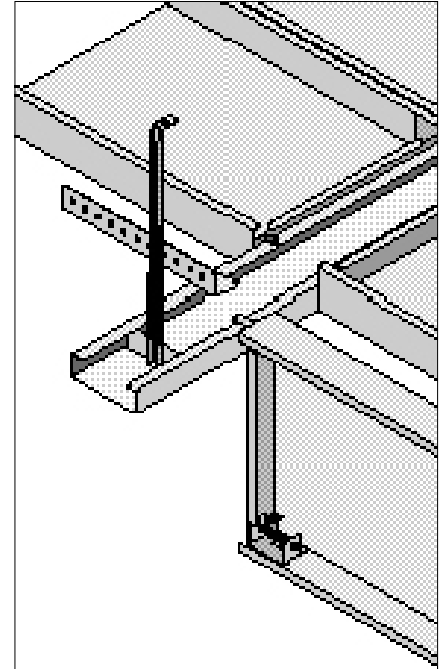
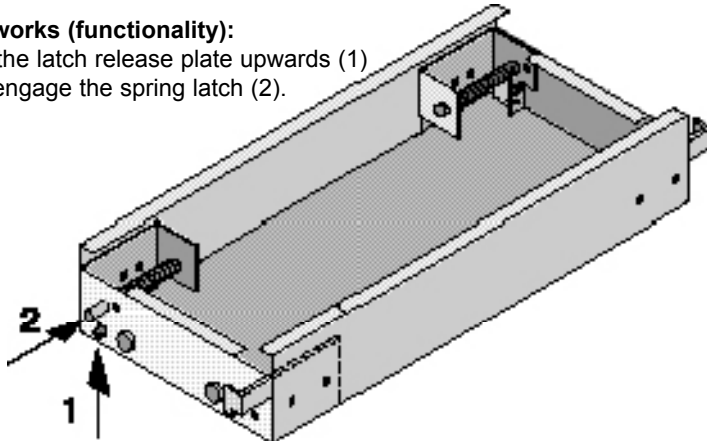
Swing system with lay-on wings and secured in position by latches

Fully assessable swing down system

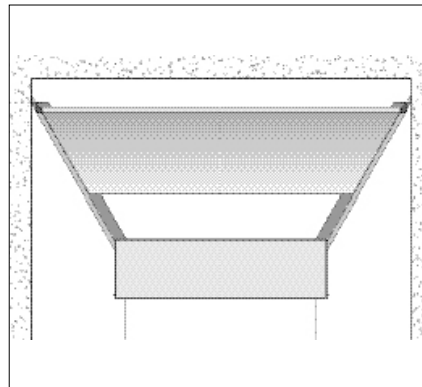
- used as an F30 fire resistant ceiling for corridors (F30 in compliance with DIN 18168)
- after opening, all ceiling panels can be glided together.

How it works (functionality):

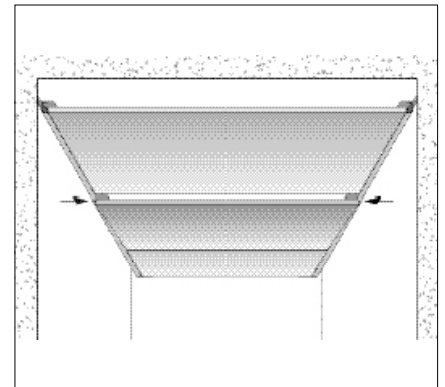
- Push the latch release plate upwards (1) to disengage the spring latch (2).



Using a spatula, unlatch the ceiling panel by pushing the latch release plate upwards in the joint on both sides,



Swing the ceiling panels open in vertical position, so that you can glide them.



Swing the ceiling panels back towards the horizontal position. Push the latch pins inside, allowing the panel to raise fully into the ceiling. Finally, ensure the latch pins are properly re-located into their appropriate support holes.