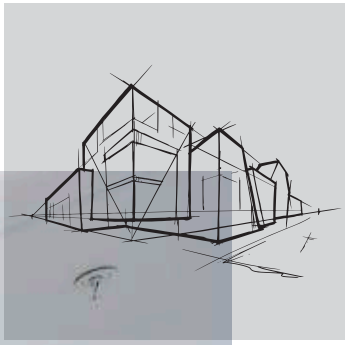
Rockfon®

Part of the ROCKWOOL Group

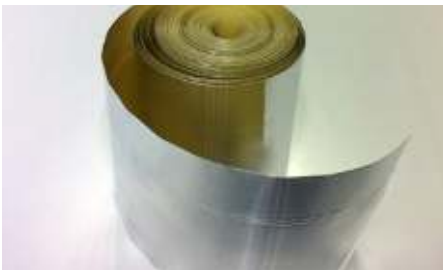
Rockfon® Medicare™ Accessories

Datasheet



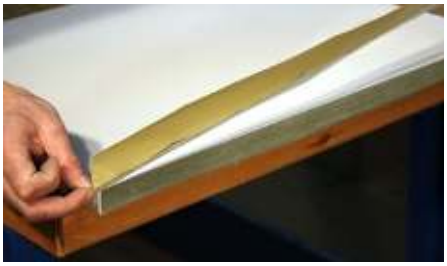
Sealing Tape

To seal custom-cut tiles, we provide an aluminum foil adhesive tape. It has good adhesion on the tile and eliminates fibre emission and dust which is essential in healthcare environments where particle emissions must be avoided. It is quick and easy to use. The sealing tape is air-tight as well as abrasion and humidity resistant. It is 75mm wide and supplied in 50m rolls.



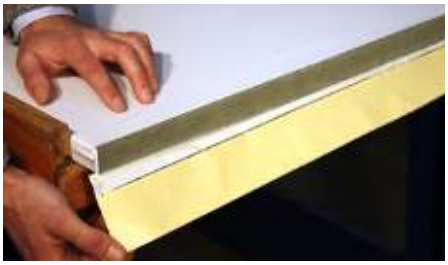
1. Cut

2. Measure edge+10mm & peel



3. Align 5mm overlap on front

4. Press



5. Flip tile to back

6. Peel

7. Fold up & press

8. Form-fold corner

9. Flip tile to front & finish

Hold Down Clips

Keeping the ceiling tile secure in the grid system facilitates, among other things, mechanical cleaning/disinfection of the tile or stability in pressurised areas where airtightness is required. We recommend placing clips every 15mm from the corners, spacing additional clips evenly between them: 8 fixing points for 600x600mm tiles and 12 fixing points for 1200x600mm tiles.

There are two types of hold down clips available:

1. HDC1
2. HDC2

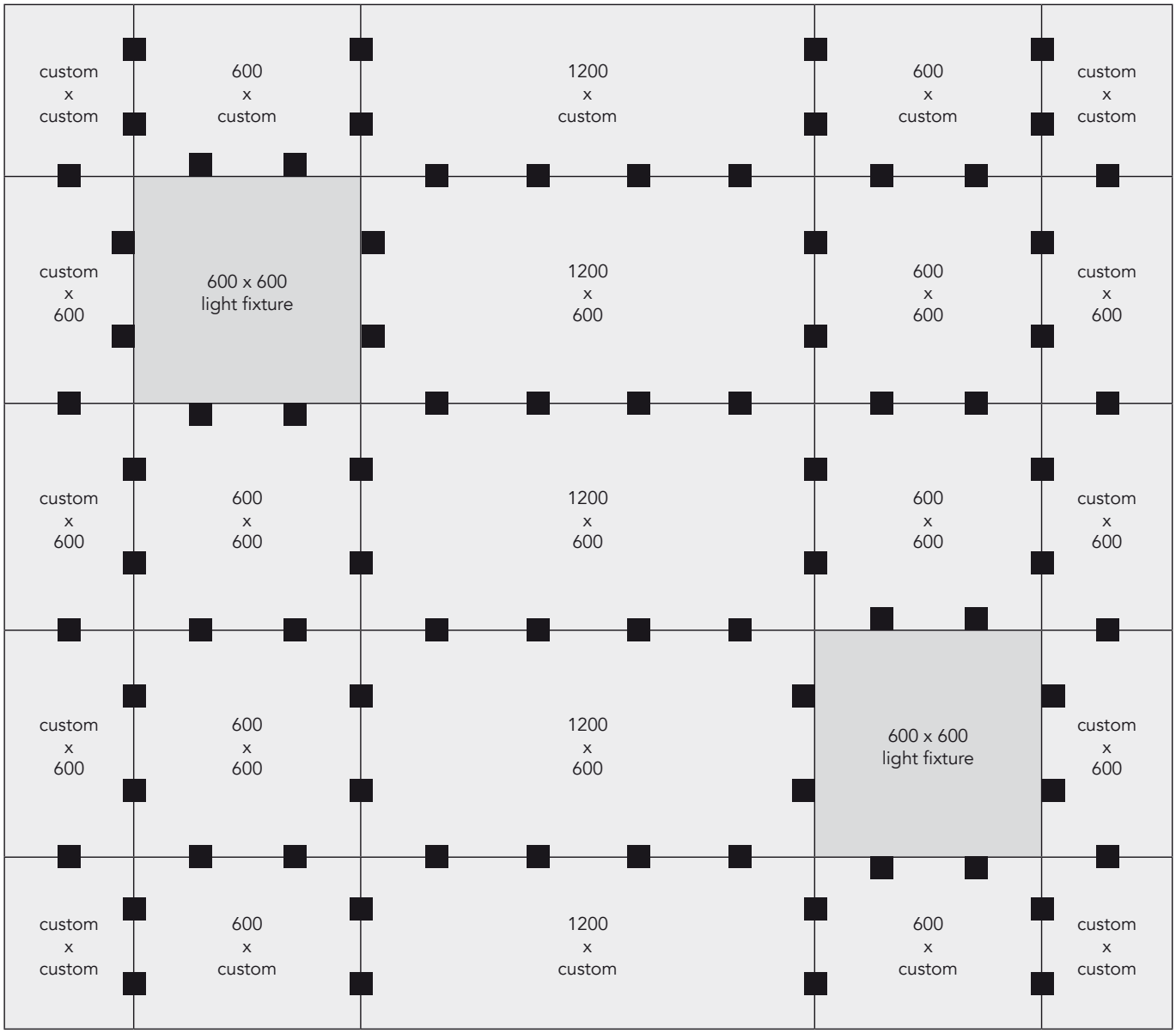
In combination with 38mm high Chicago Metallic grids, HDC1 is used for 20mm thick tiles and HDC 2 for 25mm thick tiles.

These clips can be manually altered to function as a one side hold down clip.

We recommend affixing custom cut tiles along the perimeter trim with an appropriate silicone sealant.

*The airtightness of Rockfon MediCare Air has been documented.

Recommended clip layout



HDC 1
(used where tiles meet tiles)

HDC 2
(used where tiles meet tiles)

Rockfon Air-tight inspection hatch

We have developed an air-tight inspection hatch in which a Rockfon ceiling tile (Rockfon MediCare Plus / Rockfon MediCare Air surface) is glued into the hatch for a more uniform ceiling surface and better acoustics.

The hatch is made of galvanised steel, powder-coated white. It is fitted with 2 locking mechanisms and is suitable for Chicago Metallic T24 Click 2890 exposed grid, lay-in ceilings. It is available in 600x600mm.

A polyester gasket seal ensures the air-tightness between the hatch´s frame and door. The frame of the hatch sits behind the T-grid. Although it is fairly light (5.25kg including tile), additional hangers on the grid may be necessary to improve stability depending on the installation system.

The access hatch should be independently supported and braced to prevent the tile's additional weight, and operating forces exerted on it during installation and operation, being transferred to the lightweight ceiling system.

If damaged, the ceiling tile can easily be replaced with a new tile by demounting the locks.

Air-tightness of the inspection hatch in combination with Rockfon MediCare Air is documented. The use of neoprene foam tape on the grid with a pre-applied gasket seal is recommended to improve the air-tightness performance of the entire ceiling / hatch system.

A summary of these results is available upon request. For further information, please contact Rockfon customer service.

Uniform ceiling surface and easy opening

Easy access to services

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