



CORRIDOR SWING

DEMOUNTABLE SELF-SUPPORTING CEILING

Corridor 400
Corridor Swing
Corridor F30
Corridor Planks

Highly functional acoustic ceiling solution for corridors. Swing function – leaving tiles suspended vertically during inspection and maintenance work. Exceptionally easy access to installations requiring no tools. Distinct linear look with a light, floating effect thanks to the air gaps around the tile.

DID YOU KNOW THAT ...

gypsum has stood the test of time from the pyramids to a modern versatile building material of today?

CORRIDOR SWING

DEMOUNTABLE SELF-SUPPORTING CEILING

SIZES

600 x 1200 x 12.5 mm

600 x 1500 x 12.5 mm

600 x 1800 x 12.5 mm

SURFACE

Standard white painted surface
(closest match RAL 9003, gloss 5)
Other colours available on request

DANISH INDOOR CLIMATE LABELLING (DIM)

Indoor value: 10 days

Particle emission: low (< 0.75 mg)

CLEANING

Dust is removed using a dry duster or vacuum cleaner. Marks can be removed with a damp cloth using normal cleaning practices and neutral cleaning solutions.

AMBIENT CONDITIONS

The product is designed to perform under normal conditions of use. Tested at 70% RH and 25°C. The product can withstand ambient temperatures of up to 50°C.

LIGHT REFLECTION

Globe: 72.8%

Quadril: 75.1%

Micro: 72.1%

Regula: 82.6%

LOAD-BEARING CAPACITY

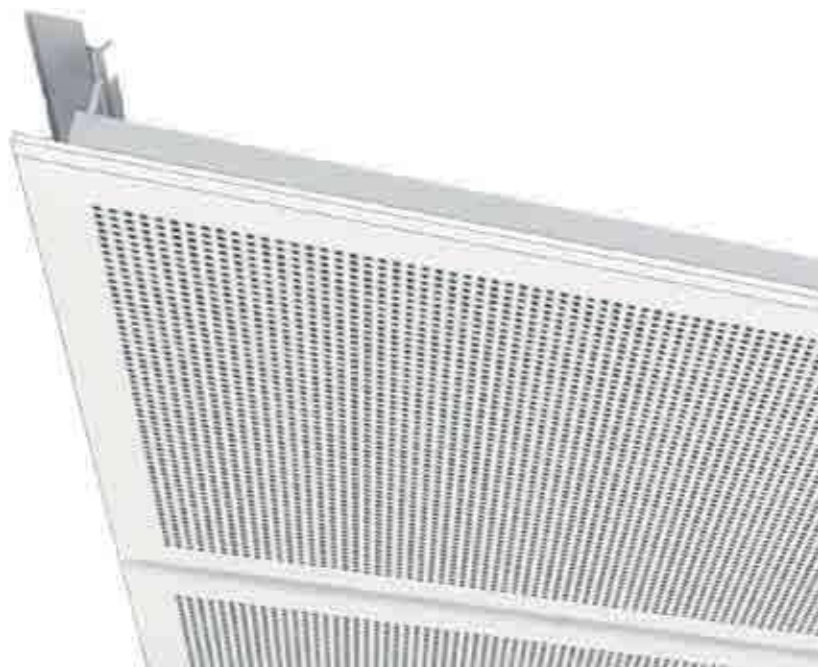
2 / A / No load

FIRE CLASS

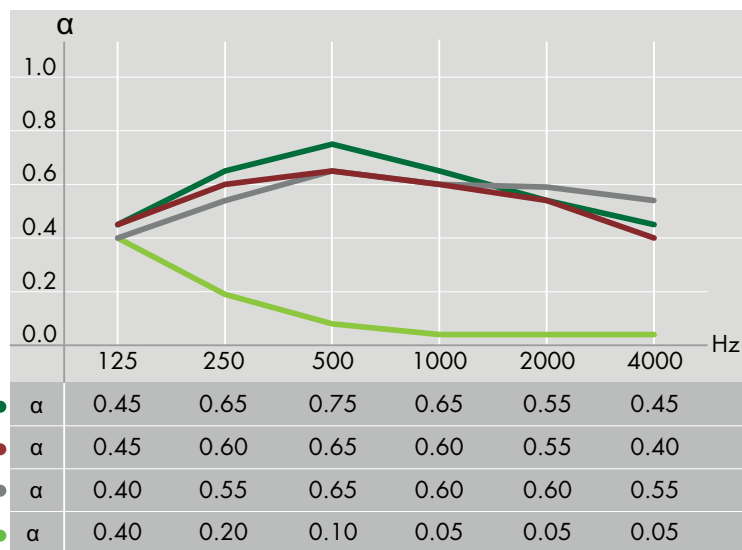
A2-s1,d0

ROBUSTNESS

Made of robust, glass fibre reinforced material with excellent pressure resistance. Under normal conditions of use, the product properties are preserved and there is no decomposition of material over time.



ACOUSTICS

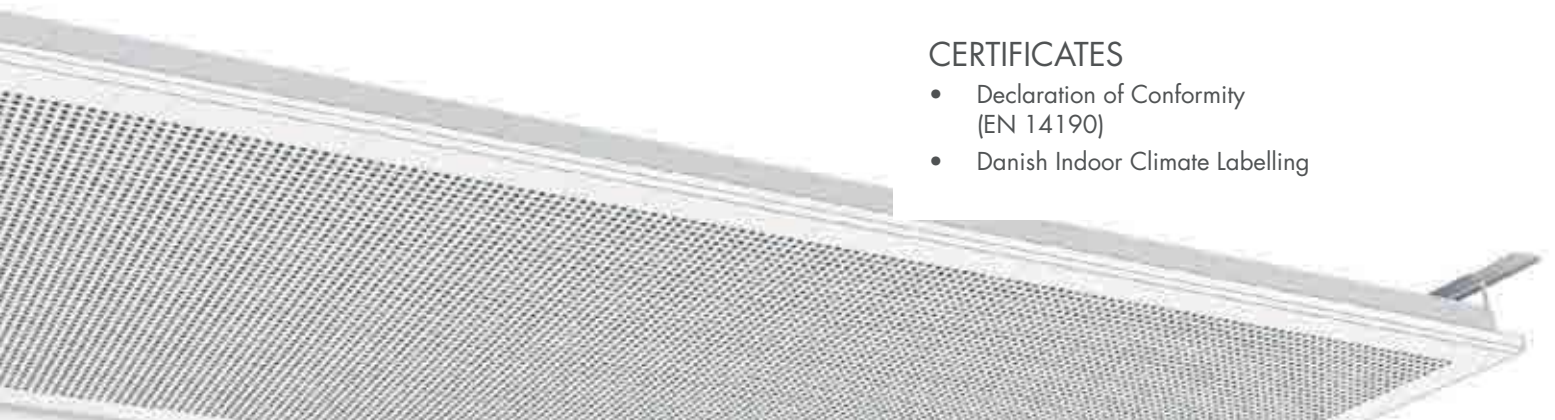


- Globe, 200 mm suspension, no mineral wool aw: 0.60, NRC: 0.65
- Quadril, 200 mm suspension, no mineral wool aw: 0.55, NRC: 0.60
- Micro, 200 mm suspension, no mineral wool aw: 0.65, NRC: 0.60
- Regula, 200 mm suspension, no mineral wool aw: 0.10, NRC: 0.05

For acoustic data on alternative constructions please see "Absorption Data" at knaufdanoline.com

Perforation	Tile weight*	Transportation weight*	Installed weight*
Globe	9.2	9.4	10.7
Quadril	9.1	9.3	10.6
Micro	9.1	9.3	10.6
Regula	9.9	10.1	11.4

* (kg/m²)



CERTIFICATES

- Declaration of Conformity (EN 14190)
- Danish Indoor Climate Labelling

PERFORATION

Also available as Regula. Other perforation patterns are manufactured to order.



Globe, Ø6 mm
15 mm c/c
Perforation: 10%



Quadril, 12 x 12 mm
30 mm c/c
Perforation: 11.5%



Micro, 3 x 3 mm
8.3 mm c/c
Perforation: 9.9%

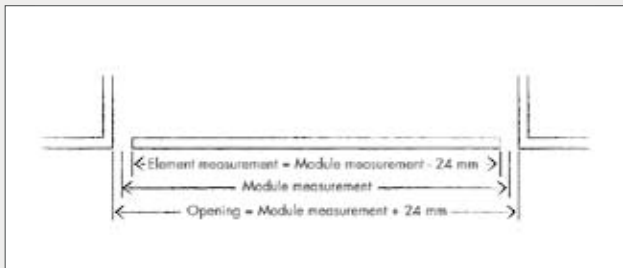
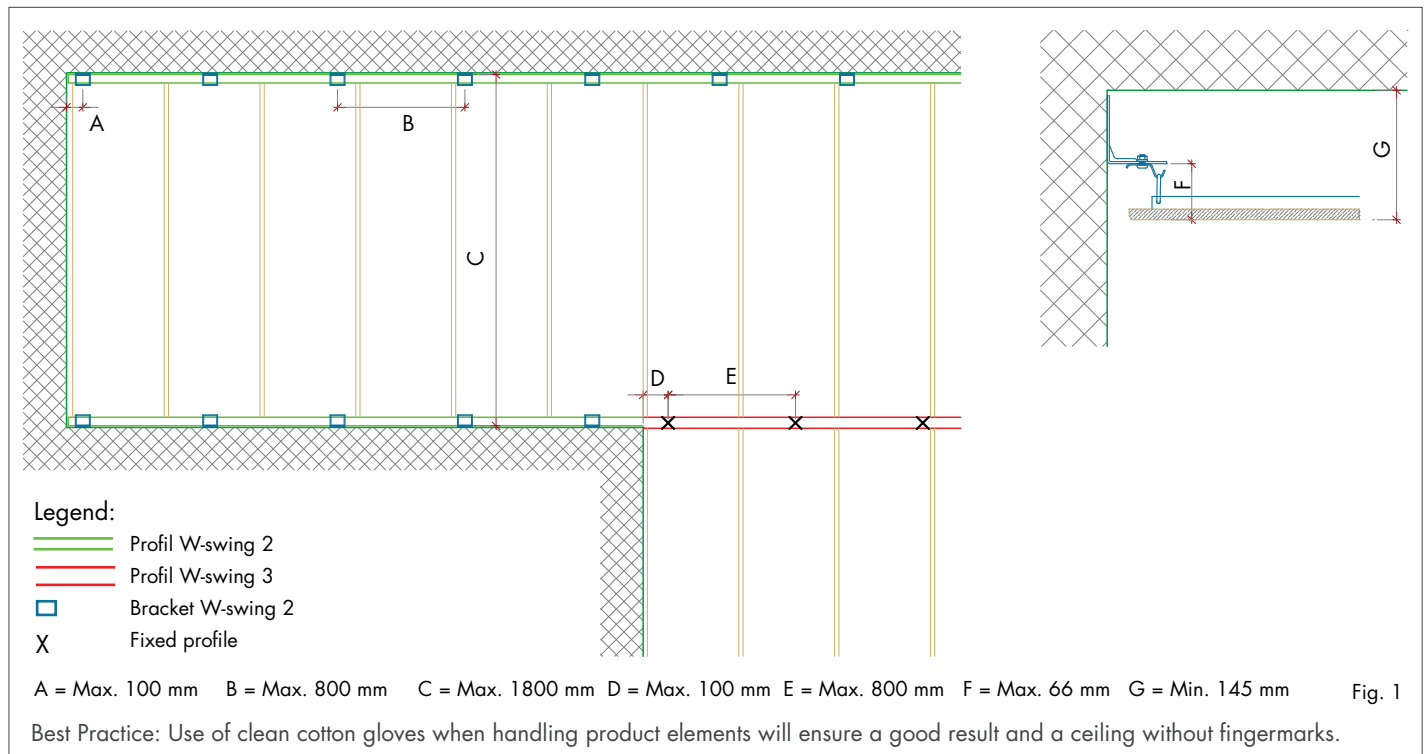
EDGES



Edge E

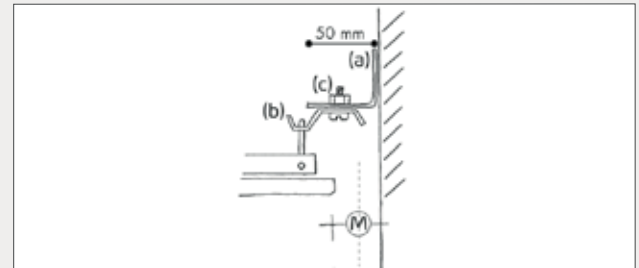
Edge E (TEGULAR)
No visible grid;
air gaps around tiles

INSTALLATION GUIDE



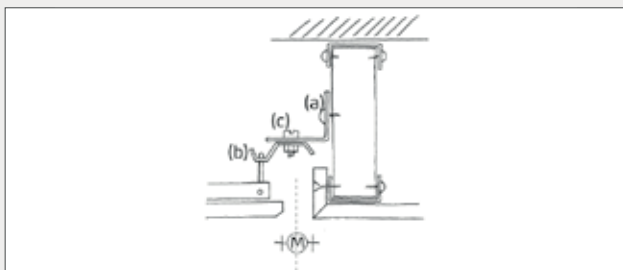
PLANNING THE CEILING SURFACE

- The board elements are 24 mm smaller than the module size:
 Module: 600 x 1200/1500/1800
 Element: 576 x 1176/1476/1776
 Opening: 624 x 1224/1524/1824



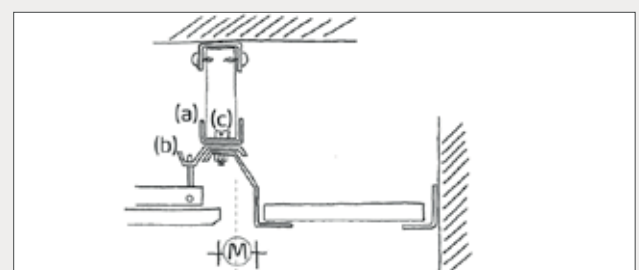
DIMENSIONAL OUTLINE, WALL JUNCTION

- M indicates the module line.
- There must be a 12 mm gap on each side of M.
- The bracket W-Swing 2 (a) is fixed to the wall at c/c 800 mm.
- The W-swing 2 profile (b) is fixed to the bracket with the W34 bolt (c).



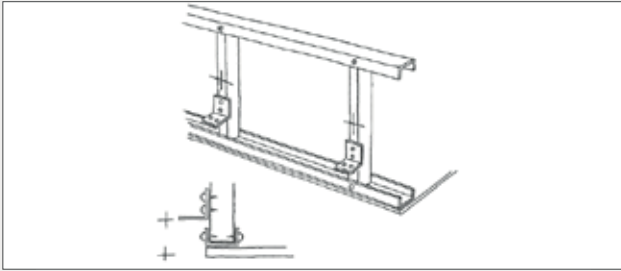
DIMENSIONAL OUTLINE, FIXED FRIEZE

- M indicates the module line.
- There must be a 12 mm gap on each side of M.
- The bracket W-Swing 2 (a) is fixed to the vertical profiles and horizontal U-profiles are installed so the fixed frieze can be screwed onto them.
- The W-swing 2 (b) profile is fixed to the bracket with the W34 bolt (c).



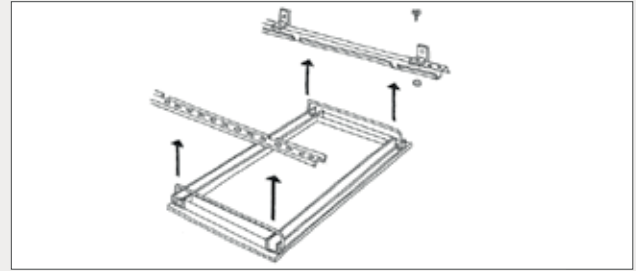
DIMENSIONAL OUTLINE, DEMOUNTABLE FRIEZE

- M indicates the module line.
- There must be a 12 mm gap towards the Corridor Swing element and a 18 mm gap to the frieze.
- Horizontal U-profiles and vertical C-profiles are installed in order to create a rigid frame for the swing profile.
- W-swing 2 (b) and 4A profiles are fixed at c/c 800 mm in the vertical steel profiles with the W34 bolt (c).
- The wall angle is fixed to the wall at c/c 400 mm



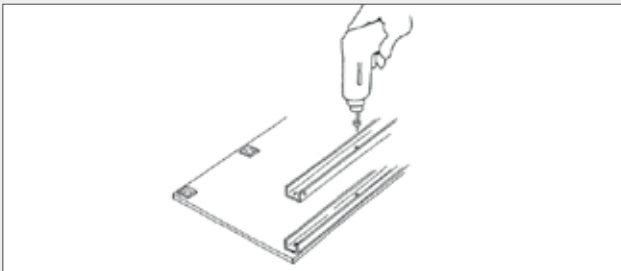
FIXING OF THE METAL CLIP

- The brackets are fixed to the wall or vertical steel profiles at c/c max. 800 mm. There must always be a bracket behind the joints of Swing 2 profiles.
- The lowest edge of the bracket should be 65 mm higher than the desired ceiling height.
- It is very important that the frame work is rigid so it cannot deform the elements when installed.



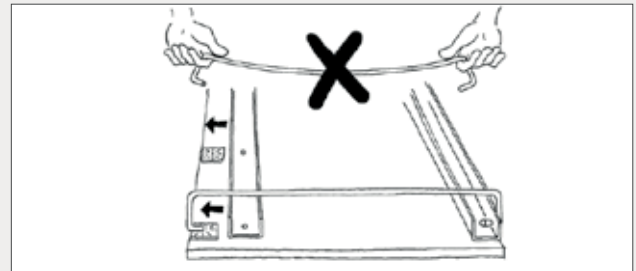
PROFILE DISTANCES

- The W-swing 2 profiles are installed under the bracket with the W34 nut and bolt.
- Now the distance between the "suspension points" on the W-swing 2 profiles must be adjusted, so the distance between them is the length of the element minus 50 mm.
- The two Swing profiles must be installed, so the cut-outs are directly opposite each other due to the following installation of the actual element.



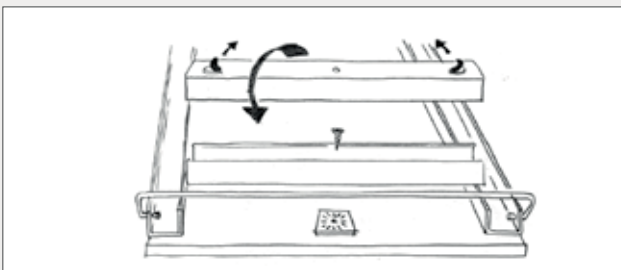
ASSEMBLY OF THE ELEMENTS

- The elements come with pre-fitted clips.
- The U-profile-swing are fixed with the supplied screws through the pre-fitted clips into the element.
- The distance between the end of the profile to the edge of the element must be 15 mm.
- Only one U-profile-swing is fixed at this stage.
- The base for fixing the load bearing profiles must be plane and solid.
- There must be no deflection of the profile during the fixing of it.



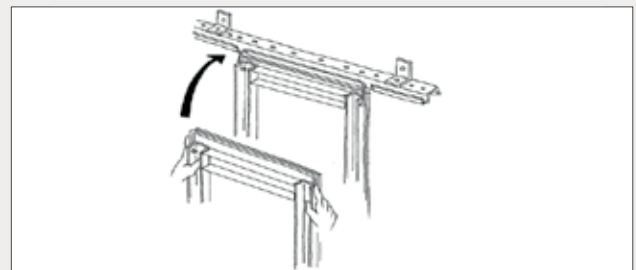
INSTALLATION OF SWING HANGER

- The Swing hanger is fixed to the fastened SW15 profile and the other U-profile-swing is pushed into its slot so the hanger is fixed in the hole of the U-profile-swing profile.
- Now the other U-profile-swing profile can be fixed using previous described method.
- It is not recommended installing the hanger by tensioning as it will give an inappropriate sideways force on the SW15 profiles.



INSTALLATION OF SWING CROSS PROFILE

- The cross profile is placed onto the metal clip so that the hole in the cross profile is directly above the centre hole in the metal clip.
- The cross profile is pressed tightly against the element.
- The screw is fixed through the hole in the profile and the centre hole in the metal clip.

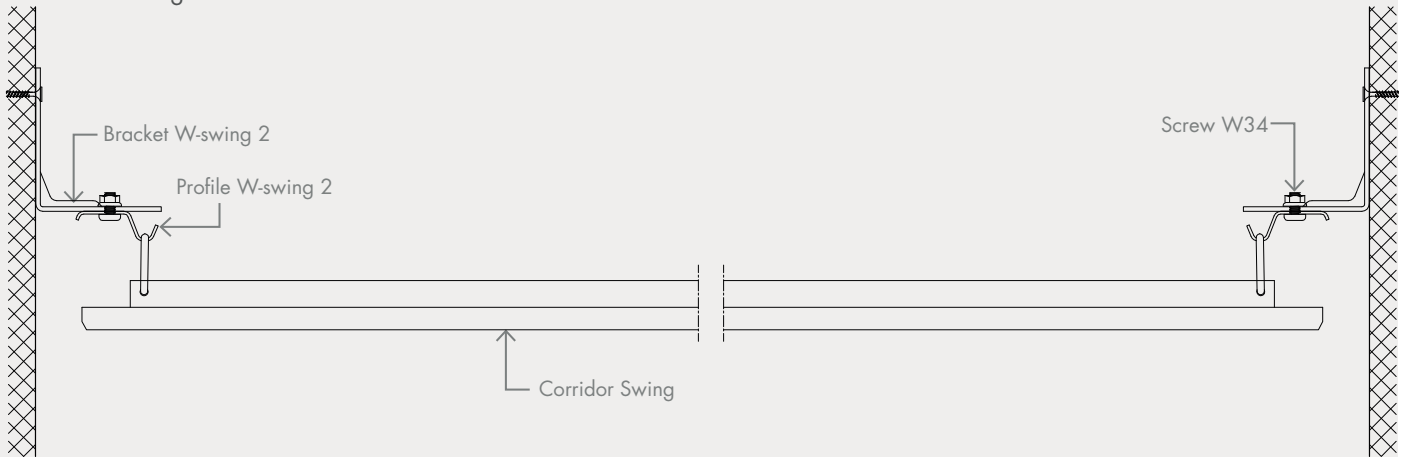


INSTALLATION OF THE ELEMENTS

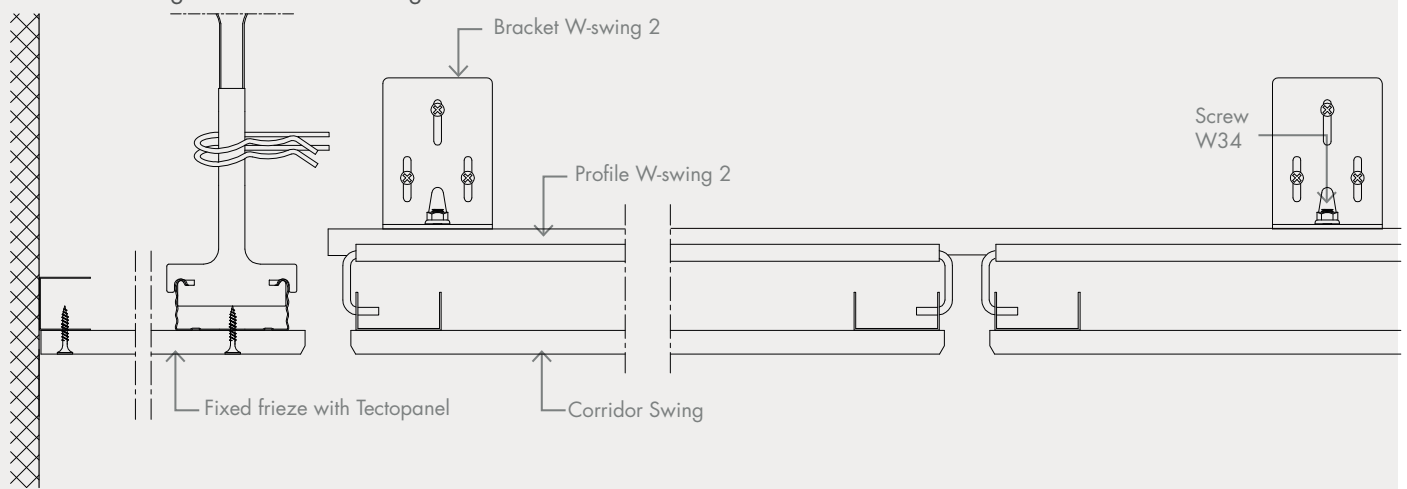
- Start out by hanging the elements along one of the sides.
- The element is kept vertical with the hanger pointing up and the hanger is clasped on the W-swing 2 profile.

DETAILS

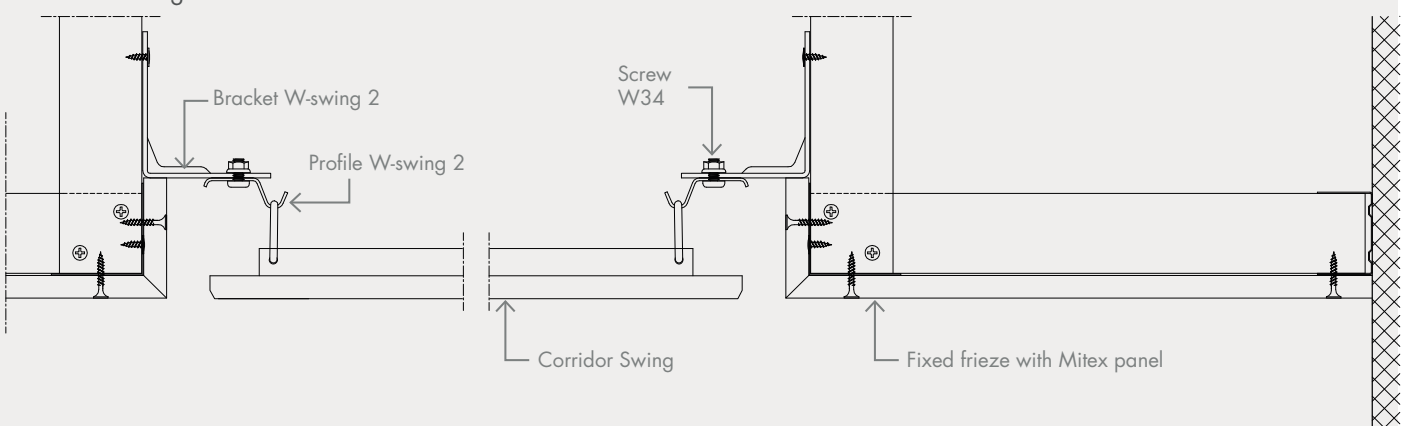
Corridor Swing direct to wall - cross section in corridor



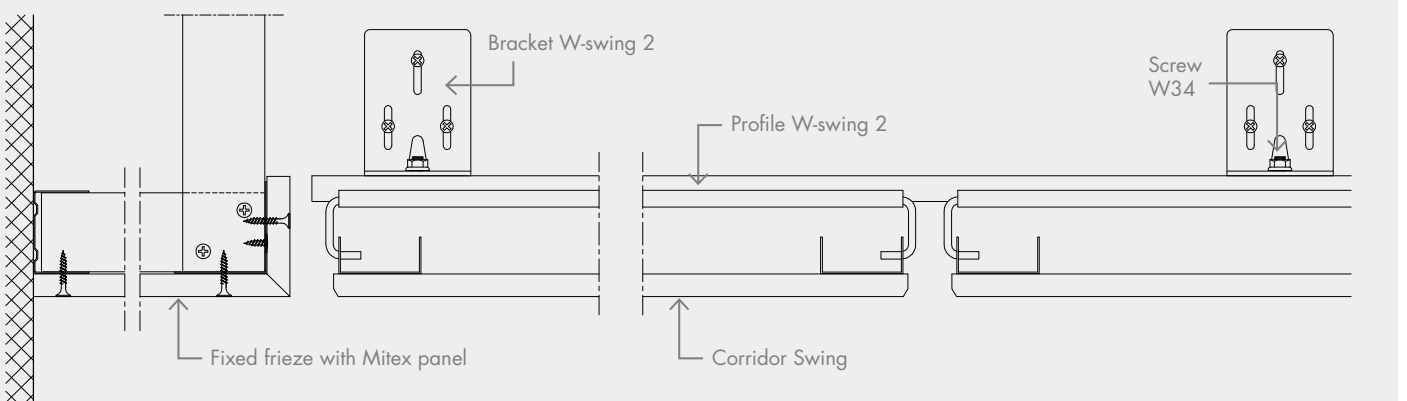
Corridor Swing with fixed frieze - length section in corridor




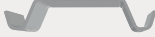








Corridor Swing with fixed frieze - cross section in corridor



Corridor Swing with fixed frieze - length section in corridor



ACCESSORIES

PRODUCT NAME		SAP NO.	W x L x H (mm)
Profile W-swing 2		3322	42 x 2400 x 16
Profile W-swing 3		6602	92 x 2400 x 16
Profile W-swing 4A		7610	85 x 2400 x 66
Profile W-swing 5		6605	68 x 2400 x 53
Bracket W-Swing 2		3336	70 x 58 x 80
Nut/Bolt Nut W34		13261	-
Swing hanger		3334	Ø4 x 582 x 35
Screw for profiles		10530	11
U-profile-swing		3331 3332 3333	45 x 1146 x 20 45 x 1446 x 20 45 x 1746 x 20
Cross profile		10282	45 x 479 x 20

UPKEEP & MAINTENANCE

Best Practice: Use of clean cotton gloves when handling painted and foil-covered product elements will ensure a good result and a ceiling without fingermarks.

PRODUCT CATEGORY	DEMOUNTABLE T-GRID CEILINGS	
Products	Visona, Contur, Belgravia, Linear, Markant, Plaza	Danotile, Medley
Surface	White painted	Foil finish
Upkeep	Designed for use under normal conditions, i.e. up to 70% RH and 25°C, e.g. in offices, institutions and similar premises. Belgravia, Markant, Plaza and Danotile 600x600 have also been tested at 90% RH at 30°C and can be used under more extreme conditions such as kitchens, laboratories and rooms with frequent and major changes in the temperature and air humidity. Special purpose, anticorrosion treated suspension systems should be used in areas of very high humidity.	
Cleaning	Dust is removed using a dry duster or vacuum cleaner. Marks can be removed with a damp cloth using normal cleaning practices and neutral cleaning solutions. Stubborn marks and minor damages should be wiped clean prior to repainting. LINEAR: To ensure good alignment it is important that the tiles are installed in the same orientation. This is also important for maintenance when vacuuming or painting. Always ensure that when applying upward (painting) / downward (vacuuming) pressure, that the tiles are pushed / pulled in the same direction moving away from the grooved edge.	Dust is removed using a dry duster or vacuum cleaner. Marks can be removed with a damp cloth using a mild detergent if necessary. Stronger cleaning agents may be used where necessary to remove stubborn marks or where cleaning regimes require it. The product can also stand rigorous cleaning with concentrated disinfectants and detergents with high and low pH values (13.0 - 2.5).
Repair	Stubborn marks and visible damages and scratches on the surface can be repaired. Damages and scratches can be filled and finished with sandpaper prior to repainting. When painting use Knauf Danoline repair paint or similar (closest RAL colour 9003) and apply by paint roller. Spray painting is not recommended on perforated products, as there is a risk of the spray paint being applied to the acoustic felt backing thereby altering the acoustic properties.	Damages and scratches are difficult to repair and therefore it is recommended to replace damaged tiles with new.
Lamp suspension	<p>DANOTILE: 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 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.</p> <p>BELGRAVIA, MARKANT, PLAZA, MEDLEY: For sizes up to 625x625 not in Tangent perforation, units of up to 3kg can be installed directly into the panel without reinforcement. For larger module sizes and all sizes with Tangent perforation a reinforcement panel of sufficient strength can be installed behind the 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.</p> <p>VISONA, CONTUR, LINEAR: With smaller units (of up to 3kg) a reinforcement panel of sufficient strength can be installed behind the 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.</p>	

PRODUCT CATEGORY	SELF-SUPPORTING CEILINGS	
Products	Corridor 400, Corridor Swing	Corridor F30
Surface	White painted	Foil finish
Upkeep	Designed for use under normal conditions, i.e. up to 70% RH and 25°C, e.g. in offices, institutions and similar premises. Corridor 400 and Corridor F30 have also been tested at 90% RH at 30°C and can be used under more extreme conditions such as kitchens, laboratories and rooms with frequent and major changes in the temperature and air humidity.	
Cleaning	Dust is removed using a dry duster or vacuum cleaner. Marks can be removed with a damp cloth using normal cleaning practices and neutral cleaning solutions. Stubborn marks and minor damages should be wiped clean prior to repainting.	Dust is removed using a dry duster or vacuum cleaner. Marks can be removed with a damp cloth using a mild detergent if necessary. On non-perforated tiles stronger cleaning agents may be used where necessary to remove stubborn marks or where cleaning regimes require it.
Repair	More visible damages and scratches on the surface can be repaired using filler and finishing with sandpaper prior to repainting. When painting use Knauf Danoline repair paint or similar (as NCS 0700 or closest RAL colour 9003) and apply by paint roller. Spray painting is not recommended on perforated products, as there is a great risk of the spray paint being applied to the acoustic felt backing thereby altering the acoustic properties.	Damages and scratches are difficult to repair and therefore it is recommended to replace damaged tiles with new.
Lamp suspension	CORRIDOR 400: Units weighing up to 3kg can be installed directly into the panel without reinforcement. N.B. The maximum cut-out, when installing in the centre of the panel is Ø265mm / 265x265mm. Units over 3kg, should be supported independently, so that they do not place any load on the ceiling. CORRIDOR SWING: The ceiling tile may not bear additional weight from other installations.	Objects up to a maximum of 17kg can be suspended using appropriate fixings.

UPKEEP & MAINTENANCE

Best Practice: Use of clean cotton gloves when handling painted and foil-covered product elements will ensure a good result and a ceiling without fingermarks. Handling the untreated panels with care will avoid damage and surface contamination prior to painting and thereby ensure a good end result.

PRODUCT CATEGORY	NON-DEMOUNTABLE CEILING AND WALL LININGS			
Products	Danopanel	Designpanel, Tectopanel, Solopanel, Stratopanel	Contrapanel, Adit	Kinopanel, Amfipanel
Surface	White painted	Untreated	Foil finish	Black painted
Upkeep	<p>Designed for use under normal conditions, i.e. up to 70% RH and 25°C, e.g. in offices, institutions and similar premises.</p> <p>DESIGNPANEL, TECTOPANEL: The panels have also been tested at 90% RH at 30°C and can be used under more extreme conditions such as kitchens, laboratories and rooms with frequent and major changes in the temperature and air humidity. In areas of high humidity consideration should be given to anticorrosion suspension systems and durable/washable surface finishes.</p>		<p>CONTRAPANEL: Designed for use in sports halls and similar areas where conditions do not normally exceed 70% RH and 25°C.</p> <p>ADIT: The panels are custom made and designed for use under normal conditions, i.e. 70% and 25°C, e.g. in offices, institutions and similar premises unless otherwise advised.</p> <p>Adit and Contrapanel have also been tested at 90% RH at 30°C and can be used under more extreme conditions with frequent and major changes in temperature and air humidity.</p>	<p>Designed for use in cinemas, theatres, studios and similar premises under normal conditions, i.e. up to 70% RH and 25°C.</p>
Cleaning	<p>Dust is removed using a dry duster or vacuum cleaner. Removal of marks depends on the paint used on site, although a damp cloth using normal cleaning practices and neutral cleaning solutions is normally suitable for minor marks. In the case of stubborn marks or if in doubt refer to the paint manufacturer's recommendations.</p> <p>CONTRAPANEL: Dust is removed using a dry duster or vacuum cleaner. Marks can be removed with a damp cloth using normal cleaning practices and neutral cleaning solutions. On non-perforated tiles stronger cleaning agents may be used where necessary to remove stubborn marks or where cleaning regimes require it.</p>			
Repair	<p>More visible damages and scratches on the surface can be repaired using filler and finishing with sandpaper prior to repainting. When painting use Knauf Danoline repair paint or similar (closest RAL colour 9003) and apply by paint roller. Spray painting is not recommended on perforated products, as there is a risk of the spray paint being applied to the acoustic felt backing thereby altering the acoustic properties.</p>	<p>Use a paint roller to apply paint. Use the same paint as the original surface finish chosen. Spray painting is not recommended on perforated products, as there is a great risk of the spray paint being applied to the acoustic felt backing thereby altering the acoustic properties.</p>	<p>Damages and scratches are difficult to repair and therefore it is recommended to replace damaged panels with new.</p>	<p>When painting use Knauf Danoline repair paint or similar (as NCS S9000-N) and apply by paint roller. Spray painting is not recommended on perforated products, as there is a risk of the spray paint being applied to the acoustic felt backing thereby altering the acoustic properties.</p>
Lamp suspension	<p>The tile may not bear additional weight from other installations. Light objects up to a maximum of 3 kg/m² may be installed where they can be suspended from the furring system which must be able to bear the full weight.</p>	<p>Light objects up to a maximum of 3 kg can be suspended using appropriate fixings. Items over 3 kg must be suspended from the furring system which must be able to bear the full weight.</p>	<p>CONTRAPANEL: Light objects up to a maximum of 3 kg can be suspended using appropriate fixings. Items over 3 kg must be suspended from the furring system which must be able to bear the full weight.</p> <p>ADIT: The panel may not bear additional weight from other installations.</p>	<p>The panel may not bear additional weight from other installations.</p>

PRODUCT CATEGORY	DESIGN ELEMENTS	
Products	Curvex	Mitex
Surface	Untreated	Untreated
Upkeep	<p>Designed for creating organic wall and ceiling shapes e.g. in offices, institutions and similar premises under normal conditions, i.e. up to 70% RH and 25°C.</p>	<p>Designed for creating clean-cut edges wall and ceiling shapes e.g. in offices, institutions and similar premises under normal conditions, i.e. up to 70% RH and 25°C.</p>
Cleaning	Dependent on the chosen surface finish.	
Repair	Dependent on the chosen surface finish.	
Lamp suspension	The panels are custom made and may not bear additional weight from other installations unless otherwise advised.	