

Rocksilk® Soffit Linerboard Fixings

September 2024

Build on us.

Description

Rocksilk® Soffit Linerboard Fixings are designed for installing Rocksilk® Soffit Linerboard Standard and Extra onto reinforced concrete or composite steel ceilings.

The tube washers and metal retaining discs are available in black and off-white to match the colour of the facings on Rocksilk® Soffit Linerboard Standard and Extra.

Benefits

- › Available in black or off-white to match the colour of Rocksilk® Soffit Linerboard Standard and Extra.
- › Suitable for concrete, timber or steel decks below 0.7mm thick.
- › Tube washer design creates less thermal bridging, allowing lower U-values than alternative fixing methods.



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Technical Specifications

PERFORMANCE

ROCKSILK® SOFFIT LINERBOARD CONCRETE SCREWS	
Material	Steel SAE1022 case hardened
Head type	Multiple layer organic
Coating	Oval, TX25 recess
Drilling capacity	Up to 0.7mm S275 steel
Pull-out strength	Concrete C25/30 – 1.98kN Concrete C25/40 – 2.24kN

Rocksilk® Soffit Linerboard Tube Washers	
Material	Polypropylene
Pull over value	1.55kN
Head size	75mm

Rocksilk® Soffit Linerboard Pressure Plates	
Material	Galvanised Steel
Hole size	6.5mm
Head size	70mm

ROCKSILK® SOFFIT LINERBOARD CONCRETE SCREWS				
Length	Pack Quantity	Nominal Diameter	Product Code	
75mm	100	6.1mm	728762	
85mm	100	6.1mm	728761	
100mm	100	6.1mm	728760	
150mm	100	6.1mm	850939	
175mm	100	6.1mm	728767	
200mm	100	6.1mm	728768	
225mm	100	6.1mm	728769	
250mm	100	6.1mm	728770	
275mm	100	6.1mm	728774	
300mm	100	6.1mm	842682	
350mm	100	6.1mm	843114	
400mm	100	6.1mm	843115	
450mm	100	6.1mm	843116	



ROCKSILK® SOFFIT LINERBOARD TUBE WASHERS			
Length	Pack Quantity	Tube Diameter	Product Code
100mm White	800	13.6mm	728754
125mm White	700	13.6mm	728755
150mm White	600	13.6mm	728756
200mm White	500	13.6mm	728759
100mm Black	800	13.6mm	728712
125mm Black	700	13.6mm	728751
150mm Black	600	13.6mm	728752
200mm Black	500	13.6mm	728753



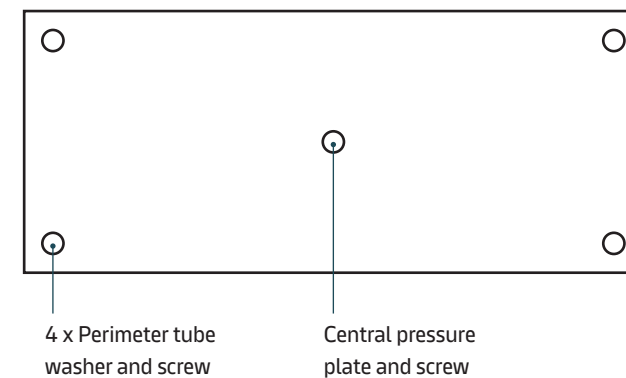
ROCKSILK® SOFFIT LINERBOARD PRESSURE PLATES		
Colour	Pack Quantity	Product Code
White	100	728765
Black	100	728763



Fixing patterns

Rocksilk® Soffit Linerboard Standard thickness	Perimeter fix - plastic to concrete		Centre fix - metal to concrete	
	Tube	Screw	Pressure Plate	Screw
130mm	100mm Black x 4	85mm x 4	70mm Black	175mm
160mm	125mm Black x 4	85mm x 4	70mm Black	200mm
185mm	150mm Black x 4	85mm x 4	70mm Black	225mm
220mm	200mm Black x 4	75mm x 4	70mm Black	250mm

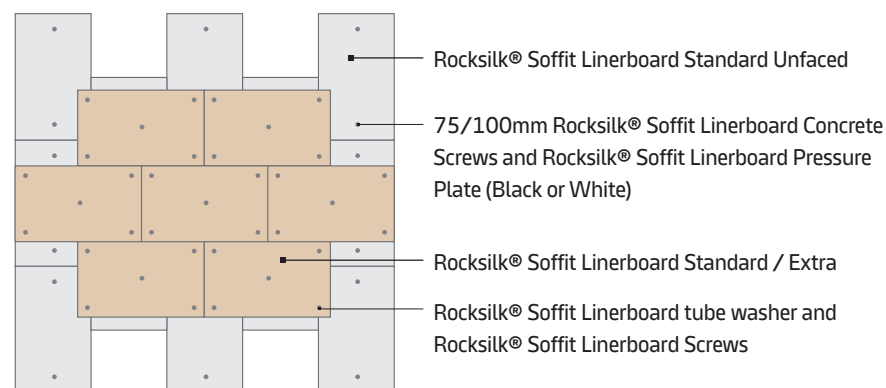
Rocksilk® Soffit Linerboard Extra thickness	Perimeter fix - plastic to concrete		Centre fix - metal to concrete	
	Tube	Screw	Pressure Plate	Screw
136mm	100mm White x 4	100mm x 4	70mm White	175mm
166mm	125mm White x 4	100mm x 4	70mm White	200mm
191mm	150mm White x 4	100mm x 4	70mm White	225mm
226mm	200mm White x 4	85mm x 4	70mm White	275mm



Dual layered fixing patterns

Insulation thickness	Perimeter fix - plastic to concrete		Centre fix - metal to concrete	
	Tube	Screw	Pressure Plate	Screw
225mm	200mm	75mm	70mm Black or White	250mm
230mm	200mm	85mm	70mm Black or White	275mm
235mm	200mm	85mm	70mm Black or White	275mm
240mm	200mm	100mm	70mm Black or White	275mm
245mm	200mm	100mm	70mm Black or White	275mm
250mm	200mm	100mm	70mm Black or White	275mm
255mm	150mm	175mm	70mm Black or White	300mm
260mm	150mm	175mm	70mm Black or White	300mm
265mm	125mm	200mm	70mm Black or White	300mm
270mm	125mm	200mm	70mm Black or White	300mm
275mm	125mm	200mm	70mm Black or White	300mm
280mm	125mm	225mm	70mm Black or White	350mm
285mm	125mm	225mm	70mm Black or White	350mm
290mm	125mm	225mm	70mm Black or White	350mm
295mm	125mm	225mm	70mm Black or White	350mm
300mm	125mm	225mm	70mm Black or White	350mm
305mm	200mm	175mm	70mm Black or White	350mm
310mm	200mm	175mm	70mm Black or White	350mm
315mm	200mm	175mm	70mm Black or White	350mm
320mm	200mm	175mm	70mm Black or White	350mm
325mm	200mm	175mm	70mm Black or White	350mm
330mm	200mm	200mm	70mm Black or White	400mm
335mm	200mm	200mm	70mm Black or White	400mm
340mm	200mm	200mm	70mm Black or White	400mm
345mm	200mm	200mm	70mm Black or White	400mm

Insulation thickness	Perimeter fix - plastic to concrete		Centre fix - metal to concrete	
	Tube	Screw	Pressure Plate	Screw
350mm	200mm	200mm	70mm Black or White	400mm
355mm	200mm	225mm	70mm Black or White	400mm
360mm	200mm	225mm	70mm Black or White	400mm
365mm	200mm	225mm	70mm Black or White	400mm
370mm	200mm	225mm	70mm Black or White	400mm
375mm	200mm	225mm	70mm Black or White	400mm
380mm	200mm	250mm	70mm Black or White	450mm
385mm	200mm	250mm	70mm Black or White	450mm
390mm	200mm	250mm	70mm Black or White	450mm
395mm	200mm	250mm	70mm Black or White	450mm
400mm	200mm	250mm	70mm Black or White	450mm
405mm	200mm	275mm	70mm Black or White	450mm
410mm	200mm	275mm	70mm Black or White	450mm
415mm	200mm	275mm	70mm Black or White	450mm
420mm	200mm	275mm	70mm Black or White	450mm
425mm	200mm	275mm	70mm Black or White	450mm



Rocksilk® Soffit Linerboard Fixings

Application

Rocksilk® Soffit Linerboard Fixings are used for installing Rocksilk® Soffit Linerboard Standard and Rocksilk® Soffit Linerboard Extra onto the underside of reinforced concrete or composite steel floor slabs. The tube washers and metal retaining discs are available in black or off-white to match the colour of the facings of Rocksilk® Soffit Linerboard Standard or Rocksilk® Soffit Linerboard Extra.

Four perimeter tube washers and one central metal retaining disc should be used to secure each slab into position.

System Testing

Knauf Insulation maintains declared product characteristics and qualities which are defined in detail in its Declaration of Performances (DoPs) and product literature. The product literature also includes information relating to Knauf Insulation's requirements and recommendations for installation of its products when being used as part of a system.

Any party using, or planning to use, our products in a system (with or without system testing) where performance may be dependent on product characteristics not declared on our DoPs or our product literature, must contact our Technical Service Team.

Knauf Insulation will not accept liability for any failure in system performance due to product characteristics not declared on DoPs or product literature, or not agreed in a Service Level Agreement. In such an event, any warranty given in relation to those products will be invalidated.

Real Performance

Glass and rock mineral wool are easier to install correctly than other insulants, such as rigid boards, because they adapt to any slight imperfections in the substrate and knit together, eliminating any air gaps. Mineral wool is engineered to adapt to any imperfections, and any settlement/movement over time, so it maintains close contact and preserves thermal performance for the life of the building.

Evidence shows the absence of air gaps is crucial to achieving real performance in the relevant application. Any insulation material that doesn't deliver 'as-built' thermal performance is failing in its primary purpose, and therefore presents an unnecessary risk as the construction industry seeks to close the performance gap.

Handling & Storage

Rocksilk® Soffit Linerboard Fixings should be stored properly and handled in such a way as to ensure that the products remain undamaged.

The cardboard boxes used for the supply of Rocksilk® Soffit Linerboard Fixings are designed for short-term protection only. For longer term protection on site, the product should either be stored indoors or under cover and off the ground.

If damaged, the products should be discarded.

Knauf Insulation Ltd

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