

PRODUCT DATA SHEET

SikaRoof® Anchor Washer 140

Preformed stainless steel fastening plate

DESCRIPTION

SikaRoof® Anchor Washer 140 is a manufactured pre-formed stainless steel fastening plate providing a secure connection directly to the roof substructure/roof deck.



USES

SikaRoof® Anchor Washer 140 may only be used by experienced professionals.

- Fastener plate in combination with the SikaRoof Anchor 250 FPO/PVC for fixing roof mounted products to exposed Sarnafil® FPO/PVC and Sikaplan® FPO/PVC roofing membranes.

CHARACTERISTICS / ADVANTAGES

- Ease of installation
- Made of stainless steel
- M12 threaded bolt for secure fastening to the SikaRoof® Anchor 250 FPO/PVC
- Usable for steel fastener and tube fastener system
- Removes the wind load off the membrane and on to the structural deck

PRODUCT INFORMATION

Composition	Stainless steel (1.4301)	
Packaging	10 pcs. packed in a cardboard box	
Colour	Stainless Steel	
Shelf Life	5 Years from date of production if stored properly in original unopened, sealed and undamaged packaging in cool and dry conditions.	
Storage Conditions	SikaRoof® Anchor Washer 140 must be stored in original unopened, sealed and undamaged packaging in cool and dry conditions.	
Dimensions	Octagon	140 mm ± 1 mm

Diameter	Perforation	4 mm × Ø 7.2 mm 4 mm × Ø 15.35 mm
Height	Total Height	26 mm ± 1 mm

TECHNICAL INFORMATION

Pull-Out Resistance	Fixed with 4 fasteners	Max. 1600 N
	Fixed with 2 fasteners	Max. 800 N (diagonally arranged)
The value applies for metal, wood and concrete substrate.		
Design Considerations	Thermal Insulation The compression strength must be sufficient enough to bear the additional weight on long term. Sika recommends ≥ 120 kPa Vertical weight load Max. 40 kg (according to substrate) Horizontal shear force Max. 100 kg (fixed with 4 fasteners and max. roof slope of 10°)	

APPLICATION INFORMATION

Ambient Air Temperature	-40 °C to +50 °C Permanent ambient temperature during use is limited to +50 °C
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SYSTEM INFORMATION

System Structure	Fixing substrate: Concrete, metal decking, plywood/OSB The following products are system relevant and needs to be ordered separately: ▪ SikaRoof Anchor 250 FPO/PVC CR ▪ Sarnafast Fastener SBF-6.0 x L ▪ Sarnafast Tube SBT-20 x L
Compatibility	Compatible with all types of exposed Sarnafil® FPO and Sikaplan® FPO membranes.

BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

LIMITATIONS OF USE

Sika® is not responsible for the permissible SikaRoof® Anchor Washer 140 forces or the related loading calculations which might comply according to local regulations.
Installation works must only be carried out by Sika® trained contractors.

FURTHER INFORMATION

Transportation class: The product is not classified as hazardous goods for transport.

ECOLOGY, HEALTH AND SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling,

storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY

Max. roof slope: 10°; others on request.

APPLICATION

Sufficient roof drainage characteristics after installing SikaRoof® Anchor Washer 140 and SikaRoof® Anchor 250 FPO/PVC CR needs to be ensured.
Place the SikaRoof® Anchor Washer 140 onto the FPO or PVC roof waterproofing membrane. Fix it to the roof substructure with the appropriate fastener.
Screw on the SikaRoof® Anchor 250 FPO/PVC onto the M12 threaded bolt with 50 Nm fastening torque.
Installation of some ancillary products, e.g. cleaners is limited to temperatures above +5 °C. Please observe information given by Product Data Sheets.
Special measures may be compulsory for installation below +5 °C ambient temperature due to safety requirements in accordance with national regulations

APPLICATION METHOD / TOOLS

SikaRoof® Anchor Washer 140 is directly placed onto the roof waterproofing membrane and fixed with the appropriate fasteners to the roof substructure in accordance with current Sika® application manuals.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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Product Data Sheet

SikaRoof® Anchor Washer 140
October 2026, Version 01.01
020945051100000104

SikaRoofAnchorWasher140-en-MY-(10-2026)-1-1.pdf

