

PRODUCT DATA SHEET

SikaRoof® Anchor Washer 140

A manufactured preformed stainless steel fastening plate

DESCRIPTION

SikaRoof® Anchor Washer 140 is a manufactured preformed stainless steel fastening plate providing a secure connection directly to the roof sub-structure/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.

FEATURES

- 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
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.
Colour	Stainless Steel

Dimensions	Octagon	140 ± 1 (mm)
Diameter	Perforation	4 x Ø 7.2 (mm) 4 x Ø 15.35 (mm)
Design considerations	<ul style="list-style-type: none"> ▪ Thermal Insulation <p>The compression strength must be sufficient enough to bear the additional weight on long term.</p> <p>Sika recommends ≥ 120 kPa</p> <ul style="list-style-type: none"> ▪ Vertical weight load <p>Max. 40 kg (according to substrate)</p> <ul style="list-style-type: none"> ▪ Horizontal shear force <p>Max. 100 kg (fixed with 4 fasteners and max. roof slope of 10°)</p>	

SYSTEM INFORMATION

System structure	<p>Fixing substrate: Concrete, metal decking, plywood/OSB</p> <p>The following products are system relevant and needs to be ordered separately:</p> <ul style="list-style-type: none"> ▪ 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.

APPLICATION INFORMATION

Ambient air temperature	-40°C to +50°C
	Permanent ambient temperature during use is limited to +50°C

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 DOCUMENTATION

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

ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing 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 declared data for this product may vary from country to country. Please consult the local Product Data Sheet for the exact product data.

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

Any information or suggestions for use concerning Sika's products, which we either in writing or orally have given buyers or end-users of the product, have been given in good faith based on our own experiences and based on approved praxis and the technological and scientific knowledge on the time of giving such suggestions and information, which are given without any type of guarantees, and which do not lead to any further responsibility from Sika Danmark A/S, besides what is stated in the sales agreement in question. The buyer or end-user should themselves investigate or otherwise make sure, that our products are suitable for the use in question and further make sure that the products are kept and used correct and in agreement with the published rules and considering the actual conditions in order to avoid damages or less satisfactory results. Any order is accepted and any deliverance is affected according to the general terms of sales and delivery from Sika Danmark A/S, which are considered known and accepted, and which could be handed out when asked for. Our catalogues are not up-dated automatically. The present product data sheet is only for use in Denmark. Values stated in the present product data sheet should be seen as recommended, unless stated otherwise.