

Version 2



SikaShield® ANCHOR SYSTEM

THE MULTIPURPOSE FASTENING SOLUTION IN COMBINATION WITH
BITUMINOUS ROOF WATERPROOFING MEMBRANES

BUILDING TRUST



WORLDWIDE CONSTRUCTION AND INDUSTRY SOLUTIONS



Sika's history began in 1910 with the electrification of the Gotthard railway tunnels. The Swiss company founded by Kaspar Winkler played a decisive role in this momentous project. A revolutionary new waterproofing mortar was developed, marking the beginning of Sika's global reputation for high quality.

Today the Sika Group is a leading global manufacturer of construction chemical products and systems as well as industrial sealants and adhesives. The Group's core competencies – sealing, bonding, damping, reinforcing and protecting load-bearing structures – have been enabling a wide range of applications in the construction sector and in industrial production for over 100 years. The high-quality product range includes concrete admixtures, special mortars, sealants and adhesives, damping and reinforcing materials, floor coating systems, sealing membranes and corrosion protection products.

Sika annually produces a volume of roofing membrane that could cover the entire area of Manhattan. More than 10,000 roofing contractors in over 85 countries are Sika-trained and certified, which ensures qualified installation.

All our customers – developers, building owners, architects, engineers, consultants and contractors – receive expert advice from our highly competent team. Building on a foundation of trust, we offer our experience and knowledge to provide recommendations and long-lasting solutions for any project you may have.

Roofing can be selected and designed to meet the specific technical requirements and budget of almost any roofing project. Our tailored solutions allow freedom of design and form, with no limitations on geometry or color, to meet the specific requirements of any type of roof.

STRATEGIC SUCCESS THROUGH GLOBAL PRESENCE

- With subsidiaries in over 100 countries, Sika offers local presence worldwide
- Sika operates over 400+ production sites and sales locations
- Sika employs approximately 33,000 people worldwide
- The Sika umbrella brand covers some 930 Sika product trademarks
- In fiscal year 2025 the Sika Group achieved sales of approximately CHF 11.20 billion

SikaShield® ANCHOR SYSTEM

GENERAL PRODUCT INFORMATION

ASPECTS SUCH AS EASE OF INSTALLATION, MULTIPURPOSE USE, RECYCLABILITY are becoming increasingly important in today's construction business. With the new SikaShield® Anchor system, Sika Roofing is following this direction and sets new standards. The system is used as a universal connection point for fixing roof mounted products to exposed SikaShield® bituminous membrane flat roof assemblies. All metal parts are made of non corrosive metal and therefore very durable and free of corrosion during the whole life cycle.

SikaShield® Anchor 400



DESCRIPTION

SikaShield® Anchor 400 is a manufactured preformed accessory that provides a secure, double anchor welding and universal connection point for fixing roof mounted products to exposed SikaShield® bituminous roof waterproofing membranes. The top surface is coated with mineral granules which allows permanent exposure to UV radiation and the underside has a burn-off film for easy torch or hot-air application.

APPEARANCE / COLOR

Dark grey mineral granules finishing.

SikaRoof® Anchor Washer 140



DESCRIPTION

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

USES

Fastener plate in combination with the SikaShield® Anchor 400 for fixing roof mounted products to exposed SikaShield® bituminous roof waterproofing membranes.

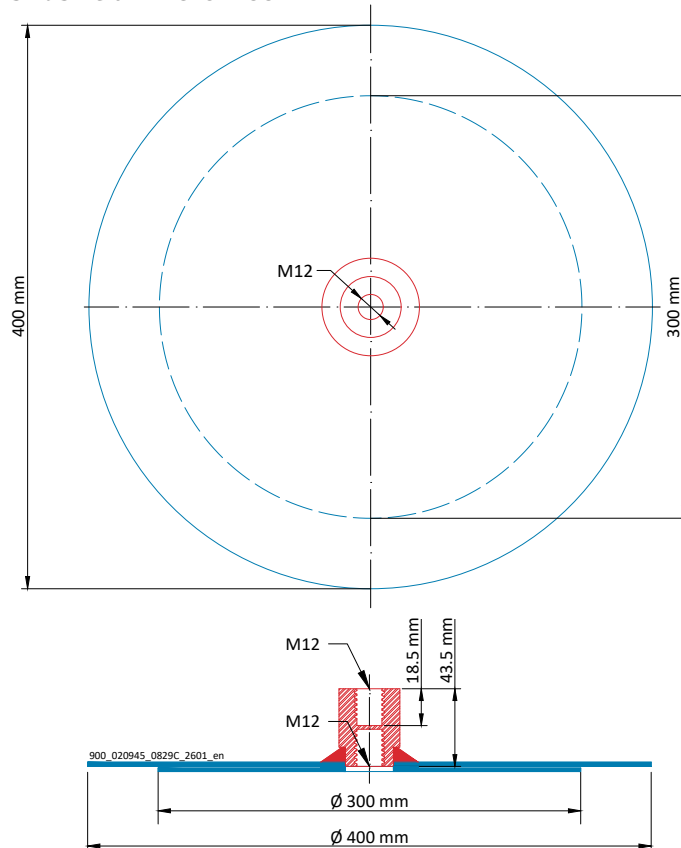
Features	Advantages	Benefits
Double anchor welding flange Ø 300 mm (base sheet) and Ø 400 mm (cap sheet)	Easy to hot-air or torch apply	Secure watertight connection to the roofing membrane
Anchor welding flange composed of SBS base sheet and hybrid SBS / APAO cap sheet	Correspond with the SikaRoof® Application Manual	Resistant to weathering and UV exposure
Anchor has M12 internal thread for easy transition	Ease of application of further build-up	A broad range of build-up systems possible
All metal parts are made of non corrosive metal	No corrosion expected	Long lifespan
Octagon washer with Ø 140 mm	Sufficient load distribution	Removes the windload off the membrane onto the structural deck
Washer with fastener holes 7.20 and 15.35 mm	Also suitable for Sarnabar® Tube fastening system	Wider range of thermal insulation can be used
Anchors arranged as point fastening	Free waterflow to the rainwater outlets is ensured	No additional weight on the roof due to ponding water

SikaShield® ANCHOR SYSTEM

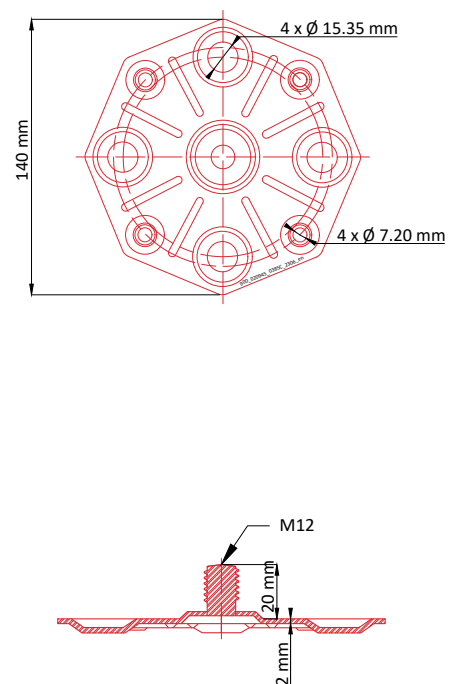
GENERAL PRODUCT INFORMATION

TECHNICAL INFORMATION

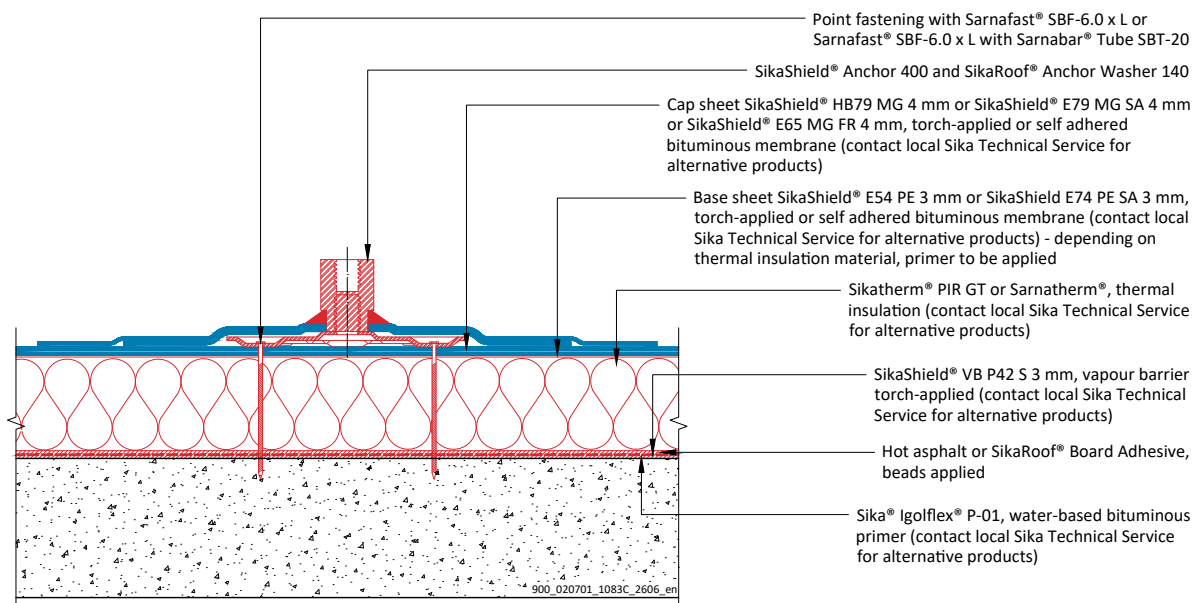
SikaShield® Anchor 400



SikaRoof® Anchor Washer 140



TYPICAL APPLICATION



SikaShield® ANCHOR SYSTEM

INSTALLATION AND FASTENING SELECTION

Easy, safe and reliable installation, all done by the trained Roofing contractor.



Sarnafast® Fastener SBF-6.0 or alternatively Sarnafast® Fastener SBF-6.0 with Sarnabar® Tube SBT-20.

Sarnafast® Fastener SBF-6.0



DESCRIPTION

Hardened carbon steel fastener.

USES

Fastener in combination with SikaRoof® Anchor Washer 140 mm and Sarnabar® Tube SBT-20 into corrugated steel, concrete and plywood / OSB decks.

CHARACTERISTICS / ADVANTAGES

- Resistance against common environmental influences
- Easy application in use with recommended setting tools

- Self drilling fastener, no pre-drilling for steel and plywood / OSB applications
- Chrome VI-free
- Recyclable

TECHNICAL INFORMATION

Diameter: 6.00 mm
Head diameter: 9.80 mm
Available lengths: 35–300 mm
Torx T25
Corrosion resistance:
15 cycles according to Kesternich

Sarnabar® Tube SBT-20



DESCRIPTION

Polyamide tube (PA 6) for the perimeter fastening and induction welding.

USES

Tube in combination with Sarnafast® Fastener SBF-6.0 on all decks.

CHARACTERISTICS / ADVANTAGES

- High resistance against mechanical inputs
- Lightweight

- Resistance against common environmental influences
- Easy application in use with recommended setting tools
- Recyclable

TECHNICAL INFORMATION

Diameter: 20 mm (at collar)
Hole diameter: 12.40 mm
Available lengths: 40–400 mm
30 h conditioned in conditioning cell

SikaShield® ANCHOR SYSTEM

INSTALLATION AND FASTENING SELECTION

HOT-AIR WELDING APPLICATION OF SikaShield® Anchor 400



Hot-air application of the base sheet.



Hot-air application of the cap sheet.



SikaShield® Anchor 400 –
Hot-Air Application

TORCH APPLICATION OF SikaShield® Anchor 400



Torch application of the base sheet.



Torch application of the cap sheet.



SikaShield® Anchor 400 –
Torch Application

SikaShield® ANCHOR SYSTEM

POSSIBLE INSTALLATION OF SOLAR PANELS



Installation of SikaShield® Anchors and Solar Mounting System.



Solar Mounting Systems finalized.



Solar System finalized.

A GLOBAL COMPANY BUT LOCAL PARTNER



FOR MORE ROOFING INFORMATION:



WE ARE SIKA

Sika is a specialty chemicals company with a leading position in the development and production of systems and products for bonding, sealing, damping, reinforcing and protecting in the building sector and the motor vehicle industry. Sika's product lines feature concrete admixtures, mortars, sealants and adhesives, structural strengthening systems, flooring as well as roofing and waterproofing systems.

Our most current General Sales Conditions shall apply. Please consult the most current local Product Data Sheet prior to any use.



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