



# SikaShield<sup>®</sup> ANCHOR SYSTEM

THE MULTIPURPOSE FASTENING SOLUTION IN COMBINATION WITH  
BITUMINOUS ROOF WATERPROOFING MEMBRANES

BUILDING TRUST



# 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.

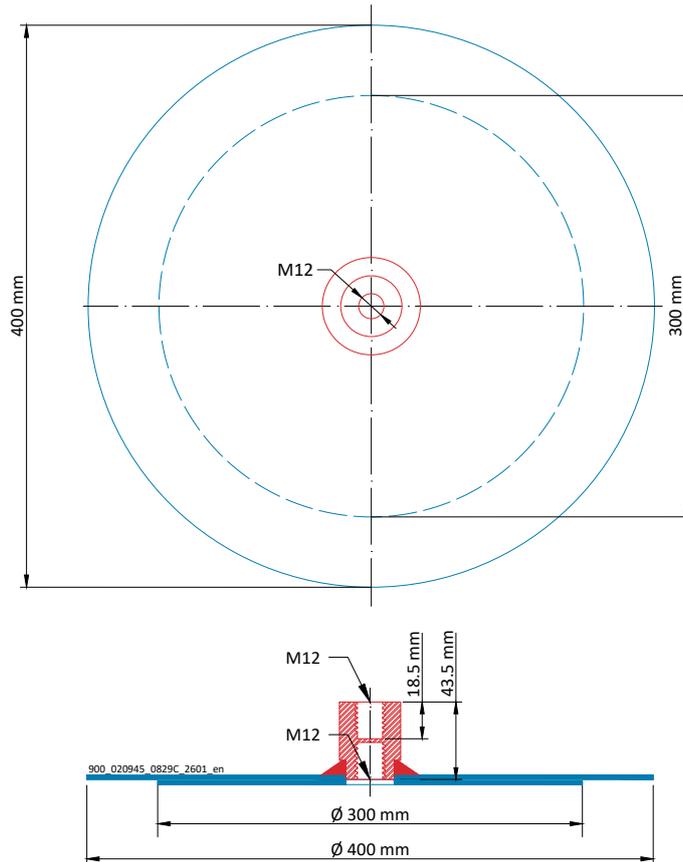
Features	Advantages	Benefits
Double anchor welding flange Ø 300 mm (base sheet) and Ø 400 mm (cap sheet)	Easy to hot-air or torch apply	Secure watertight connection to the roofing membrane
Anchor welding flange composed of SBS base sheet and hybrid SBS / APAO cap sheet	Correspond with the SikaRoof® Application 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

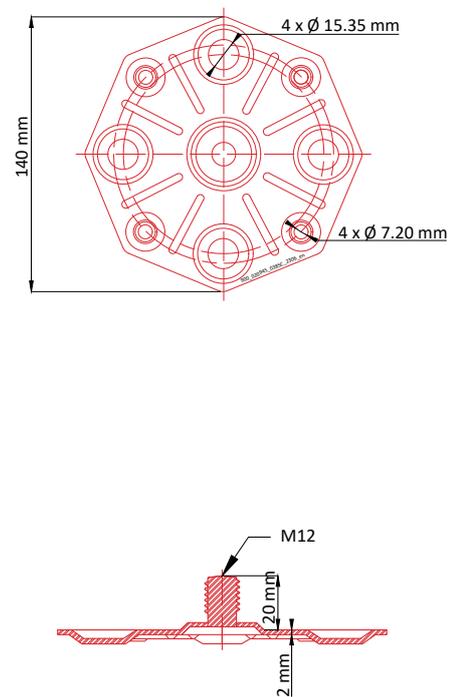
## GENERAL PRODUCT INFORMATION

### TECHNICAL INFORMATION

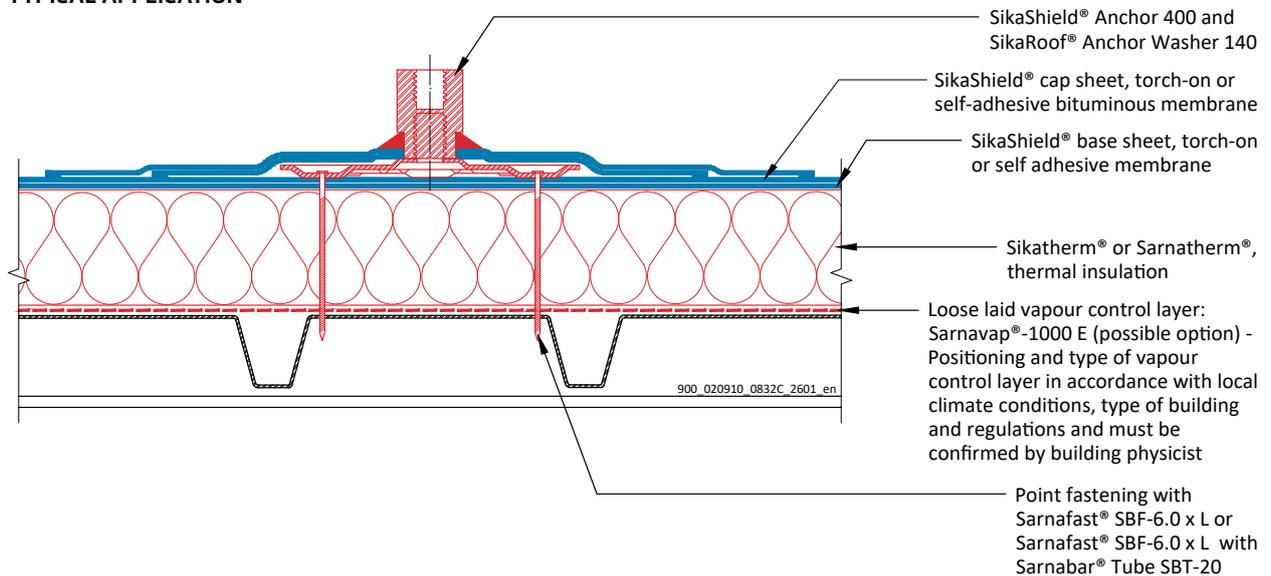
#### SikaShield® Anchor 400



#### 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.

# FURTHER ROOFING PUBLICATIONS AVAILABLE FROM SIKA



## 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.



**SIKA SERVICES AG**  
Tueffenwies 16  
CH-8048 Zurich  
Switzerland

**Contact**  
Phone: +41 58 436 40 40  
[www.sika.com](http://www.sika.com)

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