



PRODUCT DATA SHEET

Sika® Anchor-300

Anchor fixation through sheet waterproofing membranes

PRODUCT DESCRIPTION

Sika® Anchor-300 is a hard PVC anchor shaft in grey colour combined with Sikaplan® PVC waterproofing membrane flange.

WHERE TO USE

Sika® Anchor-300 is used in double-shell tunnel constructions in combination with waterproofing sheet membranes on base of PVC-p to temporary fix the reinforcement of the inner lining to the outer shell, until the secondary concrete or shotcrete lining is cured and self-supporting.

CHARACTERISTICS / ADVANTAGES

- Allows watertight hot air welded seam with Sikaplan® WP membranes
- Good force transfer through hard PVC shaft
- Waterproofing line around anchor (no additional sealing elements required)
- Anchor steel corrosion-protected
- Quick and simple installation

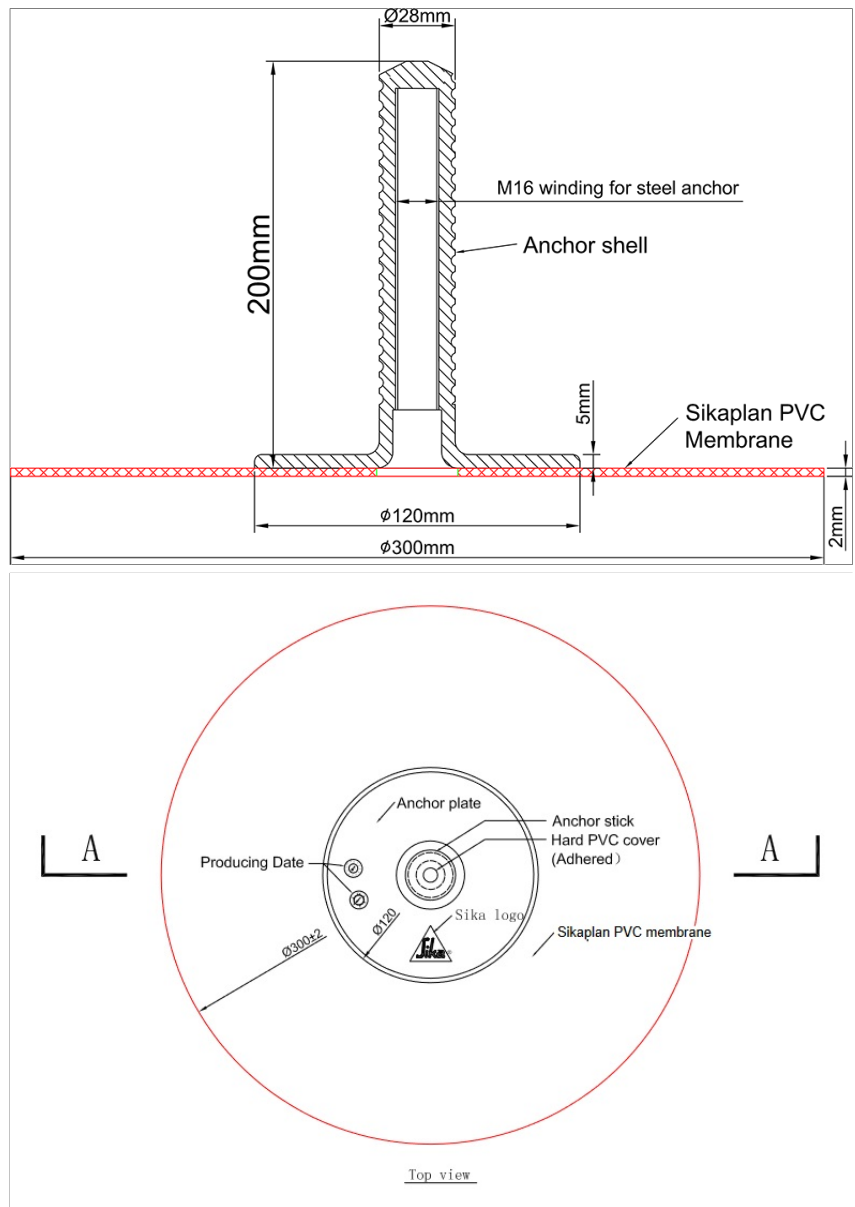
APPROVALS / CERTIFICATES

Watertightness test (Vacuum testing):
-0.2 MPa by Sika Testing System TM 87

PRODUCT INFORMATION

Packaging	30 pcs per box
Shelf Life	5 years shelf life from date of production if stored properly in undamaged, unopened, original sealed packaging
Storage Conditions	Store in dry conditions, protected from direct sunlight, rain, snow and ice, etc.
Appearance / Colour	PVC Membrane yellow/black, white/grey PVC Shaft grey

Dimensions



Diameter Shaft: Inside Thread M16, length 200 mm
Membrane: 300 mm

Thickness Membrane: 2.0 mm

TECHNICAL INFORMATION

Ambient Maximum Temperature of Liquids + 35 °C max

SYSTEMS

System Structure

Ancillary products:

- Sikaplan® WP 1100 series
- Sikaplan® WP 1110 series
- Sikaplan® WP 1120 series
- Sikaplan® WP 2101 series
- Sikaplan® WP 2110 series

Product Data Sheet
Sika® Anchor-300
November 2024, Version 03.01
02072080200000014

**BUILDING TRUST
CONSTRUIRE LA CONFIANCE**



- Sikaplan® WP Protection Sheet series
 - Sikadur® -31
 - Sika® AnchorFix®-2
-



APPLICATION INFORMATION

Ambient Air Temperature

Min. +5 °C



BASIS OF PRODUCT DATA

Product properties are typically averages, obtained under laboratory conditions. Reasonable variations can be expected on-site due to local factors, including environment, preparation, application, curing and test methods.

LIMITATIONS

- This product is designed for the drained waterproofing system. For pressurised waterproofing systems, contact your local Sika® Technical Service.
- Sika® is not responsible for the permissible anchor forces or the related loading calculations.
- Preliminary pull-out tests are mandatory.
- Installation works must only be carried out by Sika® trained contractors.
- The membrane is not UV stabilized and cannot be installed on structures permanently exposed to sunlight and weathering.

ENVIRONMENT, HEALTH & SAFETY

This product is a manufactured article that does not require Safety Data Sheets to be marketed, transported or applied at the jobsite, according to the Hazardous Product Act - Section 2. Based on our current knowledge, this product is not classified as dangerous and does not contain any hazardous materials. Always wear personal protective equipment (including safety goggles and gloves) to manipulate and install Sika® products.

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY

The substrate conditions are as defined for the waterproofing membrane system which is to be combined with the Sika® Anchor-300.

APPLICATION

Installation method:

1. Cut out a small section of the waterproofing system or drill through it directly
2. Drill a hole into the substrate
3. Clean the drill hole with high pressure water jet
4. Clean the drill hole with compressed air
5. Inject Sikadur® -31 or Sika® AnchorFix®-2, or use anchor capsule
6. Install Sika® Anchor-300
7. Weld against Sikaplan® PVC membrane
8. Install steel anchor for temporary fixing of rebar cage

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for exact product data and uses.

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 recommendations, or from any other advice offered. The information contained herein does not relieve the user of the products from testing them for the intended application and purpose. 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 or may be downloaded from our website at: www.sika.ca

Sika Canada Inc.

Head Office
601, avenue Delmar
Pointe-Claire, Quebec
H9R 4A9
1-800-933-SIKA
www.sika.ca

Other locations

Boisbriand (Quebec)
Brantford; Cambridge;
Sudbury; Toronto (Ontario)
Edmonton (Alberta)
Surrey (British Columbia)

Product Data Sheet

Sika® Anchor-300
November 2024, Version 03.01
02072080200000014