

SIKAPLAN VGWT, Roof covering

Holder/Issued to

Sika Supply Center

Industriestrasse 26, CH-6060, Sarnen Schweiz
Organisation number: 579005

Information supplied by

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Product description

SIKAPLAN 12VGWT och SIKAPLAN 15VGWT, syntetic liner intended as a singel layer roof covering. The products consist of PVC on a polyester reinforcement. Thicknesses are 1.2 mm resp. 1.5 mm.

Intended use

The membrane is designed for roof covering of new constructions and for renewal of old felt coverings. It's applied by mechanical fastening and welding of joints. Migration barrier, glide-and protective layer should be used for different substrates, according to associated documents.

Approval

The product have been found to meet the requirements in the following sections of Boverket Building Regulations (BBR):

Fire protection -	
Roof covering class B _{ROOF} (t2)	5:62
Moisture, General	6:51
Moisture, Roofs and attic spaces	6:5325
Roof safety, general	8:241, third paragraph

The product has been assessed according to requirements in certification rule 001 and according to this rule the product fulfil waterproofing class **TKY-A-0234**. This means that the product is approved for application on the following substrates:

- Non-combustible substrate with density $\geq 110 \text{ kg/m}^3$ and compressibility $> 60 \text{ Pa}$ (EN 826).
- Wooden underlay with density $\geq 480 \text{ kg/m}^3$.
- EPS with density 20 kg/m^3 with an intermediate glass fiber fleece with density $\geq 120 \text{ g/m}^2$.
- Lightweight concrete, concrete or foamlas.
- Old roof covering* on mineral wool, wooden underlay, lightweight concrete, concrete or foam glass

Associated documents

"Monteringsanvisning Sikaplan VGWT Takduk för tak med mekanisk infästning", dated 2018-12 and
"Appliceringsmanual Sikaplan G, VG, VGT, VGW och VGWT", dated 2019-01.

Certificate no. 7384/85 | 2019-03-04

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9P01625



Control

The factory production control (FPC) is monitored by an independent inspection body.
Control agreement: B08285, Inspection body: SINTEF.

When the building proprietor performs inspection at the building site, markings shall be checked to ensure that the correct products have been supplied and that they are used in accordance with the conditions in this approval and associated documents.

Manufacturing places

Production control includes the following places:

SIKA Sarnafil Manufacturing AG, Plant 1003 Schweiz / SIKA Sverige AB.

Marking

The product is to be marked at the factory. The marking consists of a label on every product supplied and includes:

Holder of certificate
Manufacturing place
P-mark
Certification body
Product type designation

Certificate number
Classification
Dimensions
Weight
Consecutive manufacture no./date of production
Inspection body

SIKA Supply Center, Schweiz
Plant 1003
RISE Certifying
SIKAPLAN 12VGWT alt.
SIKAPLAN 15VGWT
7384/85
TKY-A-0234
Length, Width
Weight/roll
nr/datum
SINTEF

Basis for judgement/approval

Report F519300C, P604870M, 5P04518 and 7P02034 from SP Technical Research Institute of Sweden.
Report 10200850-1:2015 and 10200850-1:2016 from SINTEF Byggforsk.
Report PVE/PVE/BA-320-345-SINTEF-DU-01-6 from SECO.
Report 7P04528 from RISE Research Institutes of Sweden.

Comments

Work with this product shall be carried out by contractors with sufficient know-ledge of this roofing system. In case of mechanical fastening, the fastening must be designed and a fastening plan shall be established and documented.

Wind load effects are to be determined according to Boverket mandatory provisions on application of the European construction standards (eurocodes), (EKS), Section C, Chapter 1.1.4.; issued by the National Board of Housing, Building and Planning. Corrosion aspects and the substrates condition must be taken in consideration. The building documentation, for the building site, shall be supplemented by construction drawings prepared for each building object on the basis of the project and design documents. All relevant building documentation, including drawings, approval certificate and associated documents shall be available on the building site during construction and inspections.

Migration barrier, glide-and protective layer should be used for different substrates, according to associated documents.

This approval supersedes the previous approval with the same number dated 2018-01-25.

Validity

Valid through 2023-01-24.

Stefan Coric

Camilla Isaksson

This is a translation from the Swedish original document. In the event of any dispute as to its content, the Swedish text shall take precedence.