BUILDING TRUST

PRODUCT DATA SHEET

SikaShield® PYE PV200 DD

Elastomeric bitumen membrane with polyester fleece inlay mop applied for roofing & waterproofing

DESCRIPTION

SikaShield® PYE PV200 DD (thickness 3.5 mm) is an elastomeric bitumen membrane reinforced with a polyester fleece.
The top and bottom side is finely granulated with quartz sand.

USES

Roofing and waterproofing membrane

- Flat roof as bottom layer for composite construtions
- Basement waterproofing for horizontal and vertical surfaces for composite construtions

FEATURES

- Elastic behaviour at low temperatures
- Robust, tear-resistant and stretchable reinforcement
- Chemically good compatible

CERTIFICATES AND TEST REPORTS

CE-Marking and declaration of performance according to

- EN 13707 - Bitumen sheets for roof waterproofing - national implementation - DIN/TS 20.000-201:2025-02
- EN 13969 - Bitumen sheets for basement - national implementation - DIN/TS 20.000-202:2025-02

PRODUCT INFORMATION

Composition	coating	elastomeric bitumen	
	reinforcement	polyester fleece ≥ 200 g/m²	
Packaging	single rolls		
Appearance and colour	top	fine granule	
	bottom	fine granule	
Shelf life	24 months if stored properly		
Storage conditions	Store vertical and protected from extreme external influence as such heat, cold, moisture etc.		
Product declaration	PYE PV 200 DD/DU PYE PV 200 DD/BA		
Visible defects	free of visible defects		(EN 1850-1)
Length	7.5 m		(EN 1848-1)
Width	1 m		(EN 1848-1)

Thickness	3.5 mm [+10% / -5%]	(EN 1849-1)
Straightness	< 20 mm / 10 m	(EN 1848-1)
Mass per unit area	3.7 kg/m² [± 10%]	(EN 1849-1)

TECHNICAL INFORMATION

Tensile strength	**maximum tensile force**		(EN 12311-1)
	lengthwise	≥ 900 N / 50 mm	
	crosswise	≥ 800 N / 50 mm	
Elongation	**elongation at maximum tensile force**		(EN 12311-1)
	lengthwise	≥ 35 %	
	crosswise	≥ 35 %	
Dimensional stability	≤ | 0.6 | %		(EN 1107-1)
Tear strength	**nail shank**		(EN 12310-1)
	lengthwise	≥ 250 N	
	crosswise	≥ 250 N	
Joint shear resistance	**shear resistance**		(EN 12317-1)
	lengthwise	≥ 700 N / 50 mm	
	crosswise	≥ 600 N / 50 mm	
Reaction to fire	class E		(EN 13501-1, EN ISO 11925-2)
Water-vapour transmission rate	s_d = 230 m [± 20%]		(EN 1931 - proceedure A)
Watertightness	200 kPa		(EN 1928 - procedure B)
Flow resistance	+110 °C		(EN 1110)
Flexibility at low temperature	-25 °C		(EN 1109)

APPLICATION INFORMATION

Ambient air temperature	We recommend a minimum temperature of +5 °C during the application.
Substrate temperature	We recommend a minimum temperature of +5 °C during the application.

BASIS OF PRODUCT DATA

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

ECOLOGY, HEALTH AND SAFETY

Fresh air ventilation must be ensured, when working (welding or torching) in closed rooms.

REGULATION (EC) NO 1907/2006 - REACH

This product is an article as defined in article 3 of regulation (EC) No 1907/2006 (REACH). It contains no substances which are intended to be released from the article under normal or reasonably foreseeable conditions of use. A safety data sheet following article 31 of the same regulation is not needed to bring the product to the market, to transport or to use it. For safe use follow the instructions given in the product data sheet. Based on our current knowledge, this product does not contain SVHC (substances of very high concern) as listed in Annex XIV of the REACH regulation or on the candidate list published by the European Chemicals Agency in concentrations above 0,1 % (w/w).

APPLICATION INSTRUCTIONS

General provisions on substrate quality:
The substrate must be uniform, firm, smooth and free of any sharp protrusion or burrs, clean, dry, free of grease, oil, dust and loosely adhering particles.
Substrate preparation:
Use the appropriate preparation equipment to achieve the required substrate quality.
General provisions for the application:
Strictly follow installation procedures as defined in method statement, application manuals and working instructions which must always be adjusted to the actual site conditions.
All corresponding processing standards and regulations must be obeyed.
Protection:
The membrane must be protected from damage during any ongoing site activities.

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 written recommendations, or from any other advice offered. The user of the product must test the product’s suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. 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.

Sika Deutschland CH AG & Co KG
Kornwestheimer Straße 103 - 107
D - 70439 Stuttgart
Tel.: +49 711 8009-0
Fax: +49 711 8009-321
info@de.sika.com
www.sika.de