Produc t Data Sh eet
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Construction

Sikaplan® WP Floor Sheet -08H

(Mipoplast® Estichfolie 0.72mm)

Sheet damp-proofing membrane - wet room areas

Product Description	Sikaplan® WP Floor Sheet -08H is a homogenous sheet damp-proofing membrane based on recycled polyvinylchloride (PVC-P).
Us es	■ Damp-pr oofing of floors in wet rooms under flooring screed
Ch ara cteristic s / Advantages	■ High water vapour transmission ability ■ High dimensio nal stability ■ Heart an d solv ent weldable ■ Suitable for installation over weak substrat es (i.e. with a cohesive/pull-out strength < 1.5 N/mm ^{2}) ■ Can be installed on wet substrates
Tests	
Approval / Stand ards	Quality management system according to EN ISO 9001 / 14001

Product Data

Form	
Appearance / Colour s	Rolled sheet membrane, homogenous. Surface: smooth Membra ne thic kness: 0.72 mm Colour: black 2909
Pac kaging	Roll size: 2.00 m (roll width) x 20.00 m (roll length) Unit weight: 0.94 kg/m ^{2}
St orage	
Stor age Con dition s / Sh elf-L ife	Rolls must be stored in their original pac kage, in horizontal position and under cool and dry conditions. They must be protected aga inst direct sunlight, rainwater, snow and ice etc. The product does not expire during correct storage.

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Technical Data

Product Declaration		
Visible Defects	Pass	EN 1850 - 2
Straightness	≤ 75 mm / 10 m	EN 1850 - 2
Mass per Unit Area	0.94 (-5 / + 10%) kg/m ^{2}	EN 1849 - 2
Thickness	0.72 (-5 / + 10%) mm	EN 1849 - 2
Water Tightness to Liquid Water	Pass	EN 1928 B (24h / 2kPa)
Resistance to Impact	≥ 100 mm	EN 12691 : 2005
Durability of Water Tightness against Ageing	Pass	EN 1296 (12 weeks); EN 1928 (24h / 60kPa)
Durability of Water Tightness against Chemicals	Pass	EN 1847 (28 d / + 23° C); EN 1928 (24h / 60kPa)
Accelerated Ageing in an Alkaline Environment, Tensile Strength	Change of tensile strength after storage in alkaline environment: Pass	EN 12311 – 2 (appendix C: 24 weeks/90°C)
Bitumen Compatibility	No performance determined	EN 1548 (28 d / + 70° C); EN 1928 A
Resistance to Tear (nail shank)	≥ 100 N	EN 12310 -1
Joint Strength	≥ 100 N / 50mm	EN 12317 - 2
Tensile Strength, Machine Direction	≥ 8 N / mm ^{2}	EN 12311 - 2
Tensile Strength, Cross Direction	≥ 8 N / mm ^{2}	EN 12311 - 2
Elongation, Machine Direction	≥ 200 N / mm ^{2}	EN 12311 - 2
Elongation, Cross Direction	≥ 200 N / mm ^{2}	EN 12311 - 2
Water Vapour Transmission	18000 µ (+ / - 5000)	EN 1931 (+ 23° C / 75% r.h)
Reaction to Fire	Class E	EN 13051 - 1

System Information

System Structure	Ancillary Products

Application Details

Substrate Quality	Suitable material: Concrete, mortar, galvanized steel, aluminium Non suitable substrates: Impregnated woods, other plastics, than plasticised PVC. A separation layer in form of geotextile (non woven fabric) with min. density of 300 g/m^2 must be laid underneath membrane.

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Application Conditions / Limitations	
Substrate Temperature	0°C min. / +35°C max.
Ambient Air Temperature	+5°C min. / +35°C max.
Ambient max. Temperature of Liquids	+30°C (water)

Application Instructions	
Application Method / Tools	This product is suitable for factory welding only (i.e. heat with wedge, high frequency, cold welding with solvent) to provide the waterproofing of prefabricated membrane components. Membrane installations and welding procedures according to production specifications for prefabricated components. Cold welding of the membrane overlaps with Sikaplan® WP solvent welding agent is permitted within the normal application limits. All welded seam edges must be sealed with Sikaplan® WP Seam sealant (in same colour as membrane) afterwards.
Notes on Application / Limitations	This product is not suitable for direct normal installation works on sites. Cold welding procedures are limited to ambient temperatures of not lower than +10°C and relative air humidities of not higher than 80%.
Value Base	All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.
Local Restrictions	Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.
Health and Safety Information	For information and advice on the safe handling, storage and disposal of chemical products, users should refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data
Legal Notes	