



Product technical data sheet

v1

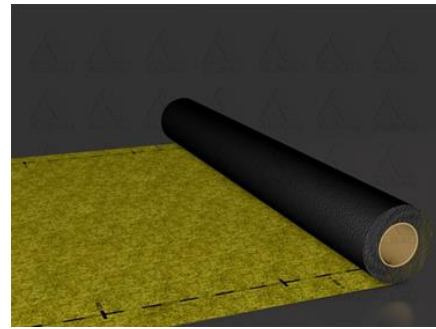
Lapa 1

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DIE Damp proof fabric

SWP R/1000/15

EAN – 475106566545



Description	3-ply membrane protects floors under thin-set tile installation from substrate cracks and moisture migration
Material composition:	Substrate: Two different polypropylene non-woven Membrane: One inner layer of polyethylene waterproofing membrane
Application	Sealing and decoupling membrane to be applied with tiles or natural stones for safe decoupling and perfect waterproofing. If used as indoor waterproofing membrane suitable for medium to high loads of non-pressurized water but only to be applied on floors (e.g. floors of domestic bathrooms and sales floors with large-size tiles or on outside balconies and terraces where no living space is situated underneath). Insert the fabric with the label facing up.
Colour:	Yellow/Black
Resistance to temperature, min./max.	-30°C / + 90°C

Physical Properties: (approx.)	DIN	Value	Tolerance
Total width	Internal	1000 mm	+/- 5 mm
Total thickness	Internal	0,90 mm	+/- 0,1 mm
Total weight	Internal	375 g/m ²	+/- 40 g / m ²
Length per roll	Internal	15 metres	-0,0 m / +1%
Breaking load longitudinal	DIN EN ISO 527-3	400 N/ 15 mm	≥ 300 N / 50 mm
Breaking load lateral	DIN EN ISO 527-3	430 N/ 50 mm	≥ 330 N / 50 mm
Extension break longitudinal	DIN EN ISO 527-3	90%	≥ 60%
Extension break lateral	DIN EN ISO 527-3	100%	≥ 70%
Resistance to tearing longitudinal	DIN EN 12310-2	160 N/ 50 mm	≥ 100 N / 50 mm
Resistance to tearing lateral	DIN EN 12310-2	150 N/ 50 mm	≥ 100 N / 50 mm
Resistance to water pressure	DIN EN 1928	3,0 bar	≥ 1,5 bar
UV-Resistance, min.	DIN EN ISO 4892-3		>450 h
Moisture vapour resistance air equivalent (sd)	ETAG 022		≥ 85 m (93 % r.h. to 50 % r.h.)
Bonding strength	DIN EN 1348		≥ 0,2 N / mm ² *
Burst pressure, max.	Internal		> 3,0 bar
Fire classification	DIN EN 4102		B2

* in dependence of the used adhesive

Chemical properties:	Resistance after storage over 7 days by room temperature in following chemicals	+ = resistant 0 = weakened - = non resistant
Hydrochloric acid 3%	Internal	+
Sulphuric acid 35%	Internal	+
Citric acid 100 g/l	Internal	+
Lactic acid 5%	Internal	+
Potassium hydroxide 3% / 20%	Internal	+/+
Sodium hypochlorite 0,3 g/l	Internal	+
Salt water(20 g/l Sea water salt)	Internal	+
Alkali 28d / 40° / 3%	Regulations according to AbP	+
Alkali	Regulations according to ETAG 022 16 weeks	+

Certified according to DIN ISO 9001:2008

Made in Germany

Warranty: 5 years warranty for the guaranteed produced qualities**Storage:** Cool and dry, protect against sunlight, use within 24 months after receipt**Attention:** Due to technical reasons the colour of the material or the printing may vary slightly from batch to batch

The above technical data represent average values. The technical information and application instructions are based on our experience and present knowledge. However, it is each users own responsibility to make trials with the original substrates in order to verify the suitability of or products for the intended purpose, taking into consideration all application related parameters. Please contact us if you have any further questions.