



## Waterproofing membrane – Code. 71008

<b>Description:</b>	3-ply waterproof membrane protects floors and walls under thin-set tile installations from substrate cracks and moisture migration.		
Material composition:	Substrate: Two outer layers of polypropylene non-woven. Membrane: One inner layer of Modified Low Density Polyethylen.		
Application:	Sealing membrane to be applied under ceramic tiles and natural stones for perfect waterproofing. Suitable for example for the following typical areas: domestic bathrooms, commercial kitchens, public and domestic shower rooms & wet areas. The sealing membrane can also be applied on outside balconies and terraces where no living space is situated underneath.		
Colour:	blue		
Resistance to temperature: min. / max.	-30°C / + 90°C		
<b>Physical Properties: (approx.)</b>	<b>DIN</b>	<b>Value</b>	<b>Tolerance</b>
Max. total width:	Internal	1000 mm (Additional widths upon request)	+/- 5 mm
Thickness:	Internal	0,62 mm	+/- 0,1 mm
Total weight:	Internal	275 g / m <sup>2</sup>	+/- 20 g / m <sup>2</sup>
Length per roll:	Internal	30 metres (Alternative make ups upon request)	- 0,0 m / + 1 %
Breaking load longitudinal	DIN EN ISO 527-3	370 N / 50 mm	≥ 300 N / 50 mm
Breaking load lateral	DIN EN ISO 527-3	250 N / 50 mm	≥ 200 N / 50 mm
Extension break longitudinal	DIN EN ISO 527-3	90 %	≥ 50 %
Extension break lateral	DIN EN ISO 527-3	120 %	≥ 70 %
Resistance to tearing longitudinal	DIN EN 12310-2	100 N	≥ 70 N
Resistance to tearing lateral	DIN EN 12310-2	140 N	≥ 100 N
Resistance to water pressure	DIN EN 1928 (Version B)	≥ 1,5 bar	
UV-Resistance:	DIN EN ISO 4892-3	≥ 450 h	
Bonding strength	DIN EN 1348	≥ 0,5 N / mm <sup>2</sup> *	≥ 0,2 N / mm <sup>2</sup>
Burst pressure:	Internal	≥ 3,0 bar	
Fire classification	DIN EN 4102	B2	
* in dependence of the used adhesive			

<b>Chemical Properties:</b>	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 100g/l	Internal	+
Lactic acid 5%	Internal	+
Sodium hypochlorite 0,3g/l	Internal	+
Salt water (20g/l Sea water salt)	Internal	+
Potassium hydroxide 3% / 20%	Internal	+ / +
Alkali 28d / 40° / 3%	Regulations according to AbP	+
Alkali	Regulations according to ETAG 022 16 weeks**	
** still to be tested		

Complied the strict requirements for classification according EMICODE emission class EC 1 plus and according French VOC-regulation A+

Certified according to DIN EN ISO 9001: 2008

**Warranty:** 5 years warranty for the guaranteed product qualities

**Attention:** Due to technical reasons the colour of the material or the printing may vary slightly from batch to batch

**Storage:** cool and dry, protect against sunlight, use within 24 months after receipt.

A technical data sheet is a quality document whose values and tolerances were determined using one or more representative pilot productions. This sheet has a minimum validity of 12 months and will then be revised based on the insights gained in the meantime.

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 our products for the intended purpose, taking into consideration all application related parameters. Please contact us if you have any further questions.

**Note:**

Whilst any information and / or specification contained herein is to the best of our knowledge true and accurate, no warranty is given or implied in connection with any recommendation or suggestions made by us, our representatives, agents or distributors as the conditions of use of any labour involved are beyond our control.

