



Waterproofing tape Code. 27115

Description:	Monoflex high performance waterproofing tape.	
Material composition:	Functionalized thermoplastic elastomere	
Application:	Waterproofing of e.g. outside expansion and construction joints. For installation with suitable adhesives and sealants on various building substrates in critical areas with high and / or frequent movements.	
Colour:	grey	
Available widths:	Standard widths: 200 mm and 300 mm (widths between 100 mm and 1000 mm are possible upon request)	Tolerance: +/- 5 mm
Total thickness (approx.):	1,0 mm	Tolerance: +/- 0,1 mm
Material weight (approx.):	930 g / m ²	Tolerance: +/- 70 g/m ²
Shore-A-hardness (approx.):	87	
Fusibility	The product is fusible with standard hot-air-dryers (with a minimum of 2300 watt). It is important to select a low temperature setting so that only the surface of the tape melts in order not to affect the tightness of the product. Parts to be welded must be roughened or sanded. Please follow our processing instructions.	
Resistance to temperature: min. / max.	- 30°C / + 90°C	
Length per roll:	According to the customers' request (Standard 20 m; 76 mm core)	

Physical Properties: (approx.)	DIN	Value
Burst pressure: max.	Internal	> 4 bar
Breaking load longitudinal	DIN EN ISO 527-3	14,0 N / mm ²
Breaking load lateral	DIN EN ISO 527-3	14,0 N / mm ²
Extension break longitudinal	DIN EN ISO 527-3	1000 %
Extension break lateral	DIN EN ISO 527-3	1000 %
Power absorption at 25% Elasticity lateral	DIN EN ISO 527-3	42,7 N / mm
Power absorption at 50% Elasticity lateral	DIN EN ISO 527-3	49,2 N / mm
Resistance to water pressure	DIN EN 1928 (Version B)	> 4 bar
Bonding strength	DIN EN 1348	> 4,0 N/mm ² *
Resistance to tearing longitudinal / lateral	DIN EN 12310-2	100 N / 100 N
Peel test on wood carrier	Internal	> 100 N *
UV-Resistance: min.	DIN EN ISO 4892-3	6500 h **
Fire classification	DIN EN 4102	B2

Chemical Properties:	Resistance after storage over 28 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	+
Potassium hydroxide 3% / 20%	Internal	+ / +
Sodium hypochlorite 0,3g/l	Internal	+
Salt water (20g/l Sea water salt)	Internal	+

* in dependence from the used adhesive

** still to be verified by additional tests

Certified according to DIN EN ISO 9001: 2008

Warranty: 5 years warranty for the guaranteed product qualities

Storage: maximum of 12 months – it is essential that goods are kept in the original packaging, keep cool and dry, protect against sunlight. If packaging film has been opened apply the material within 2 months.

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 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.

Adhere Bonds
Coats Pvt Ltd

