

Partition Wall Tape 640 is a tape which is self-adhesive on one side and which can be applied straight from the roll. It is characterised by its durable high elasticity. Partition Wall Tape 640 is strongly adhesive - at low temperatures as well. It is particularly suited for metal subframes and partition wall or panel structures.

Technical Data:

Quality		closed cell polyethylene	
Bulk density		approx. 18 kg / m ³	ac. to ISO 845
Adhesive		caoutchouc based hot melt	
Temperature stability		- 30 °C to + 70 °C	
Tensile strength	longitudinal / lateral	200 kPa / 170 kPa	ac. to ISO 1926
Elongation at break	longitudinal / lateral	80 % / 74 %	ac. to ISO 1926
Compressive strain	at 25% compression	25 kPa	ac. to nach ISO 3386-1
	at 40% compression	56 kPa	
	at 50% compression	82 kPa	
Compsression snet	Compression 25 %, ½ h after relief	17 %	ac. to ISO 1856-C
	Compression 25 %, 24 h after relief	5 %	
Dimensional stability		70 °C	
	5 % dimensional change in longitudinal and lateral direction at 70 °C		
Shore hardness	0	12	ac. to ASTM D2240
	00	40	
Colour		anthracite	
Self-adhesive coating		without covering foil	
Shelf life		1 year if stored in cool and dry conditions	

The self-adhesive coating attains maximum adhesion at approx.+ 20 °C.

Standard dimensions:	30 x 3 mm x 30 mtr./roll	20 rolls/box
	45 x 3 mm x 30 mtr./roll	12 rolls/box
	50 x 3 mm x 30 mtr./roll	12 rolls/box
	70 x 3 mm x 30 mtr./roll	8 rolls/box
	75 x 3 mm x 30 mtr./roll	8 rolls/box
	95 x 3 mm x 30 mtr./roll	6 rolls/box

Additional widths of up to 1000 mm for special solutions can easily be supplied on request.

Storage:

12 months after production date in the closed original drum at temperatures from 15 °C to 25 °C and a relative humidity of 40 % to 60 %.

Provided that the following provisions for sitework are met, our joint sealing tape "Partition Wall Tape 640 B1" meets the requirements specified for issue of a General Technical Test Certificate for Building Material Class DIN 4102 B1 (non-flammable building material) to DIN 4102 Part 1, May 1998 Version:

Provisions relating to sitework:

1. The joint sealing tape must be applied between metal or solid mineral materials, and compressed to at least 50% of its initial thickness.
2. The upper surface of the joint sealing tape may not be treated with paints, coatings or other similar items.
3. The joint sealing tape may not be exposed to the effects of weather outdoors.

The joint sealing tape must have a thickness of approximately 3 mm and a width (= fully covered joint depth) of 15 to 150 mm.

Attention! Important Note:

Above information are based on best present knowledge of current technology, but do not guarantee faultless processing of our products. The information is based on practical results of our tests, but is not binding and does not constitute warranties of characteristics in terms of Federal Supreme Court jurisdiction. Our information does not constitute a legally binding assurance of certain properties or suitability for a specific purpose. Supplementary information by our specialists are merely recommendations, for which no liability is accepted.

Due to the many possible applications of our products, we recommend subjecting the project to a thorough suitability test on original materials before release for further application.

Since our information are non-binding we do not warranty their correctness. For this reason we accept no liability for possible improper processing based on information submitted by our employees.

This technical data sheet replaces all previous versions and is valid until a new version is issued, or until Dec. 31, 2024. Please request the latest version after Jan. 01, 2025.

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