



DRG-Multiband 3D *PREMIUM* 900 X

Pre-compressed multifunctional tape



DRG Multiband 3D Premium 900 X is made of a flexible open cell polyurethane foam impregnated with a flame retardant acrylic impregnate. The surface of the tape facing the interior of the building is coated with a thin polymer film. It has a solvent-free, single-sided self-adhesive backing to aid installation. DRG Multiband 3D Premium 900 X is manufactured without halogenated flame retardants, solvent-free, silicone-free, and not using (H)CFC/CHC.

The tape is used for air and driving rain sealing as well as insulation of window and door movement joints. At the same time, it has a heat-insulating property over the entire building depth.

Technical Information – Product characteristic

Material	--	Material Grey flexible polyurethane foam
Impregnation base	--	Special acrylic with flame retardant adjustment
Joint permeability coefficient	DIN EN 12114	$a < 0,1 \text{ m}^3/[\text{h} \cdot \text{m} \cdot (\text{daPa})^{2/3}]$
U-value; window depth 60 mm, 70 mm, 80 mm	--	0,8 W/(m²K), 0,7 W/(m²K), 0,6 W/(m²K)
Air tightness (Polymer film)	--	100% air- and mist-tight
Stress groups	DIN 18 542	BG1 and BG R
Compatibility with other building materials	DIN 18 542 BG1	given according to BG1, carry out a compatibility test for products with solvents or plasticisers.
Building material class	DIN 4102	B1 (flame retardant)
Watertightness against heavy rain	DIN EN 1027	600 Pa
Water vapour permeability	EN ISO 12572	vapour diffusion to the outside Inside: 0,55 m Outside: 0,53 m
Sound insulation with (10 - 20)	DIN EN ISO 10140-2	i42 dB in joint 20, up to 50 dB if more compressed
Thermal conductivity	DIN EN 12667	$\lambda 0,0445 \text{ (W/mK)}$
Temperature stability	--	-30 °C to +80 °C
Emission test / healthy living environment	AgBB/DIBT	suitable for interiors / EC1 PLUS

**STORAGE: DRY AT ROOM TEMPERATURE IN THE ORIGINAL PACKAGING;
SHELF LIFE 1 YEAR AFTER RECEIPT BY THE CUSTOMER.**

Our information in this data sheet is based on the results of practical experience and the tests carried out by us and are not warranted characteristics as defined by the BGH case law.

As we have no influence on the variety of materials or their processing Einfluss, no liability can be derived from this information or from the use of our technical consulting service. We definitely recommend that you carry out your own tests.

Please take note of our processing instructions!