DELTA®

Technical data sheet

DELTA®-FLEXX-BAND FG

Stretchable adhesive tape for sealing three-dimensional details inside and outside.



INDOOR AIR EMISSIONS A+ (A+ A B C)

Characteristics	Methods	Values/Description
Description		
Application	–	Adhesive tape for sealing the most difficult, three-dimensional details inside and outside, such as for example corners, edges, and openings. Also suitable for radon-tight sealing of electrical sockets and cables (FG 80) or pipe penetrations (FG 150) in association with the radon-tight membrane DELTA®-RADONSTOP LIGHT.
Material	–	Solvent-free cold-welded butyl rubber adhesive on a PE film which is highly stretchable in longitudinal and transverse directions. with siliconized PE released foil, slit center..
Tickness	–	approx. 2 mm
Characteristics		
Properties	–	For connecting all DELTA®-membranes to all comparable substrates and those made of plastic (hard), metal, smooth wood and wood materials. Bonding on rough wood and mineral substrates or similar not or only conditionally recommended. Not suitable for regenerated films and films with chlorinated kerosene additives, as well as for use in saunas and swimming pools.
Data		
Rollwidth	–	80 mm / 150* mm (* with split release paper)
Rolllength	–	6 m (FG 80) and 10 m (FG 150)
Sd-value	–	approx. 40 m
Radon diffusion coefficient	–	approx. $2.9 \cdot 10^{-12}$ m²/s
Functional temperature range	–	-40 °C to +80 °C
Conditions before use	–	+5 °C to +30 °C (conditioned storage recommended)
Working climate	–	from +5 °C ambient and component temperature
Packaging	–	DELTA®-FLEXX BAND FG 80: 3 rolls/box – 288 rolls/pallet DELTA®-FLEXX BAND FG 150: 4 rolls/box – 120 rolls/pallet
Additional information		
Suitable substrates	–	Virgin Planed wood, hard panels of wood-based material, such as OSB/chipboard, rigid plastics, metal, glass. Porous and absorbent substrates (soft wood fibreboard etc.) should be pre-treated before taping with DELTA®-HF PRIMER to produce a good surface for taping and thus ensure high adhesion. (light grey), thermal bonded
Conditions for application	EN ISO 9864	• Sheets and substrates should be dry and free from frost, dust, dirt, grease, porosity, plasticisers, ice, hoarfrost, and substances that repel adhesives. We recommend running a bonding test on site. Substrate surface tension should be > 36 mN/m. • Sheets to be connected should be installed and fastened so that they are free from tension and wrinkles. Adhesive strength depends on local storage, substrate, and environmental conditions as well as on time. Adhesive strength gradually builds up over time. Functional at -40 °C to +80 °C; workable at +5 °C to +30 °C. Store adhesive tape in a tempered environment before application (no sub-zero temperatures). Building operations should be co-ordinated to avoid relative humidities > 80 % during and after taping. Do not apply to parts that remain visible as the adhesive tape cannot be removed after application. The bonding agent is not permanently UV-resistant; the tape should be covered and protected from UV radiation no later than 6 months in inside application. • Not resistant to oils and many organic solvents.

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