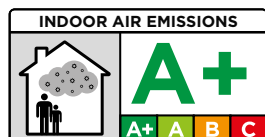


Technical data sheet

DELTA-MULTI-BAND® FLEXX

Universal, highly age-resistant adhesive tape with maximum adhesive strength for exterior and interior applications.



Characteristics	Methods	Values/Description
Description		
Application	–	Universal, highly age-resistant adhesive tape with maximum adhesive strength for outdoor and indoor use. Particularly suitable for bonding of non-woven surfaces (e.g. DELTA-XX PLUS®, DELTA®-PVG PLUS)
Material	–	Solvent- and plasticizer-free pure acrylic adhesive with PET grid reinforcement on UV-stabilised black PP carrier film with release paper
Special features	–	In accordance with DIN 4108-7 and DIN 4108-11 (BoPET, beech and DELTA®-Membranes) <ul style="list-style-type: none"> • Static peel test (90°) 24 h load duration: pass • Dynamic peel test (180°) initial and after ageing: pass Complies with DTU 31.2 (F), SIA 180, SIA 232/1 (CH), ÖNORM B 8110-2 (A), ÖNORM B 2340
Characteristics		
Fields of application	–	For bonding and repairing all DELTA® films (in each case on the printed upper side of the film) as well as bonding to all comparable substrates and those made of plastic (hard), metal, smooth wood and wood-based materials. Particularly suitable for bonding non-woven surfaces. Bonding to rough wood and mineral substrates or similar is not recommended or only recommended to a limited extent. Not suitable for regenerated films and films with chlorinated kerosene additives or for use in saunas and swimming pools.
Data		
Total thickness (without release paper)	–	approx. 0,3 mm
Peel strength on DELTA-XX PLUS® UNIVERSAL	EN 12316-2	≥ 25 N/50 mm
Peel strength on DELTA®-REFLEX	EN 12316-2	≥ 30 N/50 mm
Shear strength	EN 12317-2	≥ 50 N/50 mm
S_d value	EN 1931	approx. 35 m
UV resistance	–	12 month
Dimension	–	<ul style="list-style-type: none"> • 60 mm × 25 m/40 m • 100 mm × 25 m (with split release paper divided in the middle)
Functional temperature range	–	-40 °C to +80 °C
Storing	–	+5 °C to +30 °C (before processing tempered storing recommended)
Processing (ambient and component temperature)	–	<ul style="list-style-type: none"> • from -5 °C on smooth surfaces (e.g. DELTA®-MAXX PLUS) • from 0 °C on non-woven surfaces (e.g. DELTA-XX PLUS®)
Packaging Unit	–	<ul style="list-style-type: none"> • DELTA-MULTI-BAND® FLEXX 60 (25 m): 10 rolls/box, 85 boxes/pallet • DELTA-MULTI-BAND® FLEXX 60 (40 m): 10 rolls/box, 60 boxes/pallet • DELTA-MULTI-BAND® FLEXX 100 (25 m): 6 rolls/box, 85 boxes/pallet
Additional information		
Substrate requirements / pre-treatment	–	Films and substrates must be stable, dry, free from frost, dust, dirt and grease, sufficiently stable, free from plasticizers, free from ice and hoar frost and free from substances that repel adhesives. Substrates that are not sufficiently stable, e.g. sanding substrates, should be treated with DELTA®-HF PRIMER. The surface tension of the substrate should be above 36 mN/m.

DELTA-MULTI-BAND® FLEXX



Processing notes and conditions for application	–	<ul style="list-style-type: none"> • A test bonding on site is recommended. • Membranes to be bonded must be laid and fastened without tension or wrinkles. • The overlaps must be bonded without gaps, i. e. without folds or voids. • The adhesive strength depends on the storage, substrate and ambient conditions as well as on the time. The final strength builds up slowly. • Store the adhesive tape at a controlled temperature before use (not in frosty conditions). • The adhesive tape must be applied to the substrates to be bonded without tension and without shearing or peeling stress. It must be ensured that no stresses occur even after bonding, e.g. by installing battens under vapor barriers to prevent sagging. • The construction process must be coordinated in such a way that humidity levels > 80 % RH are avoided during and after bonding. • The adhesive is not permanently UV-resistant and must be covered and protected from UV light no later than 12 months after application.
VOC emissions	EN 16516	Compliance with AgBB, SINTEF, A+ and EC1 ^{PLUS} requirements
Classification of waste (2014/955/EU)	–	08 04 10

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