



SAINT-GOBAIN

duraband

Waterproofing Tape

**THERMOPLASTIC,
NON-WOVEN,
WATERPROOFING TAPE**



DESCRIPTION

duraband is a polypropylene, special coated non-woven waterproofing tape which offers excellent extension in cross direction and rigid lengthwise as well as strong, high tenacity with a special flexible zone in the middle.

USES

For covered outdoor applications;

- Expansion, construction and connection joints
- Work joints in concrete building components
- Cracks in concrete building components
- Concrete surface with water-permeable concrete composition
- Repair / over-banding of leaking or failed joint sealants
- Joints with extreme movements
- Joints and cracks in basements, tunnels and culverts
- Joints in water channels
- Sealing of corner detailing in wet areas
- Not for constant UV exposure

ADVANTAGES

- Very flexible
- Offers a wide range of service temperatures
- High pressure resistance
- Excellent lateral and longitudinal elongation properties
- Easy to apply
- Good chemical resistance
- Economical roll lengths

SURFACE PREPARATION

All surfaces are to be clean, sound, dry and free from any contaminants that may impair the bonding properties of the **duraband** system. All sharp edges and protrusions to be removed.

APPLICATION

duraband must be applied with a suitable adhesive or sealing agent on many different surfaces but only if covered with panels or plaster, in order that it is not constantly exposed to UV rays.

THICK- NESS	WIDTH	COATING WIDTH	ROLL LENGTH	EXPAN- SION AREA
1.5 mm	170 mm	110 mm	30 m	45 mm

TYPICAL PHYSICAL PROPERTIES

Colour	Grey	May change from batch to batch
Breaking load longitudinal (only flexible zone)	DIN EN ISO 527-3	56 N/15 mm
Breaking load longitudinal		140 N/15 mm
Breaking load lateral		58 N/15 mm
Extension break longitudinal (only flexible zone)		279%
Extension break longitudinal		33%
Extension break lateral		486%
Power absorption at 25% Elasticity lateral		0.8 N/mm
Power absorption at 50% Elasticity lateral		1.0 N/mm
Resistance to water pressure	DIN EN 1928 (Version B)	>3.0 bar
UV resistance	DIN EN ISO 4892-3	2480 hrs

STORAGE

Store in a cool and dry area, protect against sunlight, use within 24 months after receipt.

NOTE:

Due to technical reasons the colour of the material or the printing may vary slightly from batch to batch.

IMPORTANT NOTE

This data sheet is issued as a guide to the use of the product(s) concerned. Whilst **a.b.e.**® endeavours to ensure that any advice, recommendation, specification or information is accurate and correct, the company cannot accept any liability for application – because **a.b.e.**® has no direct or continuous control over where and how **a.b.e.**® products are applied.

FURTHER INFORMATION

Where other products are to be used in conjunction with this material, the relevant technical data sheets should be consulted to determine total requirements.

a.b.e.® has a wealth of technical and practical experience built up over the years in the company's pursuit of excellence in building and construction technology.

Please consult our website for our latest datasheets.

CHEMICAL RESISTANCE PROPERTIES		
Hydrochloric acid 3%	Internal	+
Sulphuric acid 35%	Internal	+
Citric acid 100 g/l	Internal	+
Lactic acid 5%	Internal	+
Potassium hydroxide 3%/20%	Internal	+/+
Sodium hypochlorite 0.3 g/l	Internal	+
Salt water (20 g/l sea water salt)	Internal	+
Chemical resistance after 7 days at 25 °C		
+ (resistant)	0 (weak)	- (non resistant)

Joint Sealing with duraband (or as recommended by a.b.e.®)		
SURFACES	CHEMICAL FOR BONDING	TAPES OVERLAPPING
Concrete/Plaster	Epoxy - epidermix ® 318 Cementitious - duraflex ®	Epoxy - epidermix ® 318 Hot- air-gun (hexagonal piece)
Bitumen sheet membrane	Polyurethane	Hot-air gun
PVC sheet membrane	Hot-air gun	N/A

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a.b.e.® is an ISO 9001:2015 registered company
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