



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 – <b>epidermix</b> ® 318 Cementitious – <b>duraflex</b> ®	Epoxy – <b>epidermix</b> ® 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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