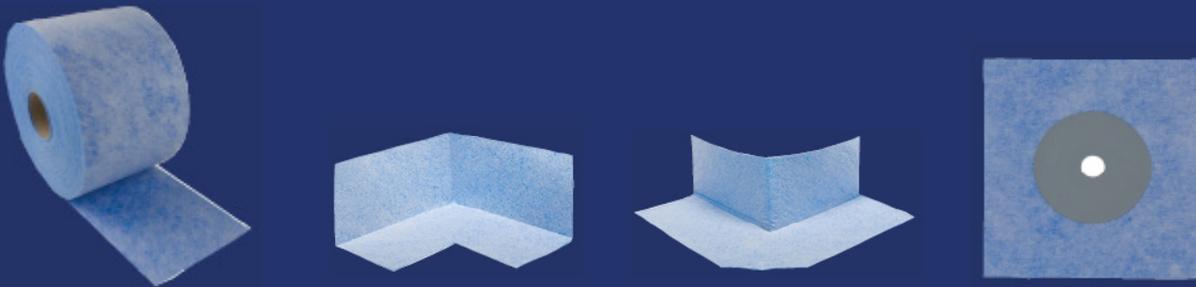


VELOSIT® DB 829

Joint Sealing Tape



Application fields

VELOSIT DB 829 is a waterproof joint sealing tape used for waterproofing of joints, cracks and the wall-floor connection underneath tiles. Typical application fields besides others are as follows:

- Waterproofing of construction joints in concrete and screeds
- Waterproofing of cracks
- Waterproofing of pipe penetrations
- Waterproofing of the wall-slab joint
- Waterproofing of expansion joints
- Waterproofing of interfaces between substrates with different expansion behaviour

Properties

VELOSIT DB 829 is a highly flexible joint sealing tape with good resistance against hydrostatic pressure. It is applied with a suitable adhesive over cracks, construction or expansion joints and over-coated with a waterproofing material.

- > 100 % tensile elongation
- Minimal thickness makes it an especially suitable substrate for tile applications
- UV stable

Application

1.) Substrate preparation

VELOSIT DB 829 is suitable for all wall-floor connections, cracks and joints in substrates that are suitable for the installation of tiles. VELOSIT DB 829 is only suitable against positive side water pressure.

Substrate must be open porous and load bearing. Blowholes, honeycombs or other surface defects can be filled with VELOSIT WP 101 or the repair mortar VELOSIT RM 202.

2.) Processing

All joints and cracks with more than 6 mm ($\frac{1}{4}$ ") width must be filled with a backer rod or a flexible joint material before the installation of VELOSIT DB 829.

a.) Adhesion with VELOSIT DF 941, VELOSIT WP 120, VELOSIT WP 124 or VELOSIT WP 125: Mix a suitable amount of waterproofing material acc. the respective technical data sheet and apply a mortar bed matching the width of the joint tape with a 4 mm (3/16 ") notched trowel above the crack or joint. Push VELOSIT DB 829 immediately into the fresh mortar bed and smoothen with a trowel. Excessive adhesive may be used to smoothen the height difference between substrate and joint tape. For the preparation of corners external corner pieces VELOSIT DB 832 and internal corner pieces VELOSIT DB 831 are available. Overlap different sections 5 cm (2") and apply the adhesive as described above.

b.) Pipe penetrations are waterproofed with a sleeve VELOSIT DB 833. Brush plenty of VELOSIT DF 941, VELOSIT WP 120, VELOSIT WP 124 or VELOSIT WP 125 onto the pipe and the surrounding area. Pull the sleeve over the pipe push it with a trowel into the material. Work away from the pipe and take care not to entrap air or create wrinkles.

3.) Curing

VELOSIT DB 829 does not require curing. It may be over coated with VELOSIT DF 941, VELOSIT WP 120, VELOSIT WP 124 or VELOSIT WP 125 as soon as the adhesive has set.

Estimating

The required amount is calculated with the planned length of the joint or crack waterproofing.

Cleaning

VELOSIT DB 829 does not cause any dirt. Dirty material can be cleaned with a moist cloth.

Quality features

Color: blue
Dimensions: 120 mm (4.75")

Thickness: 0.5 mm (20 mil)
Weight, 120 mm: 0.022 kg/m
Substrate temperature: 5 – 35 °C
(40 – 95 °F)
Tensile elongation: 100 %

Packaging

Rolls:
Width 120 mm (4.7"), Länge 50 m (164')

Storage

VELOSIT DB 829 can be stored in unopened original packs for 5 years at 5 – 35 °C (40 – 95 °F) in a dry storage place protected against sunlight.

Safety

Please observe the actual valid material safety data sheet and follow the described safety measures for handling of the product.

Recommendations

VELOSIT DB 829 is only available for professional applicators.

All described product features are determined under controlled laboratory conditions according to the relevant international standards. Values determined under job site conditions may deviate from the stated values.

Please always use the latest version of this data sheet available from our website www.velosit.de.

Manufacturer

VELOSIT GmbH & Co. KG
Industriepark 5 – 7
32805 Horn-Bad Meinberg
Germany
www.velosit.de