

Waterproofing tape for construction joints and cracks

- economical and safe
- can be applied onto damp substrate
- resistant to hydrostatic pressure
- permanently flexible
- can be bonded to concrete surfaces with VANDEX BB 75 E waterproofing slurry
- simple tape joints bonded with VANDEX BB 75 E

PRODUCT DESCRIPTION

VANDEX CONSTRUCTION JOINT TAPE bridges and seals construction joints and cracks in concrete structures.

VANDEX CONSTRUCTION JOINT TAPE is approximately 0.7 mm thick. It is a synthetic rubber strip covered on both sides with an alkali-resistant and flexible polyester fabric mat, which forms a web on the edges.

The combined properties of the fabric mat and synthetic rubber ensure a strong bond with the concrete surface, maintaining excellent elasticity of the tape.

AREAS OF APPLICATION

VANDEX CONSTRUCTION JOINT TAPE, in combination with VANDEX BB 75 E flexible waterproofing slurry, forms an excellent and durable seal of construction joints and cracks, in damp concrete conditions.

Areas of application: construction joints and cracks.

VANDEX CONSTRUCTION JOINT TAPE is resistant to hydrostatic pressure:

- on the positive side
- on the negative side only with appropriate support

On the negative side movement cracks should be routed out first and filled with VANDEX UNI MORTAR 1. Water leaks should be waterproofed with VANDEX PLUG first.

APPLICATION INSTRUCTIONS

The damp (not wet) substrate must be sound, open-textured, clean and free of oil and grease. Irregularities and surface voids must be made good.

Placement



1. Apply a first coat of VANDEX BB 75 E (3 kg/m², 1.5 mm, mixing instructions as per Data Sheet VANDEX BB 75 E), at least 1 cm beyond the VANDEX CONSTRUCTION JOINT TAPE.



2. Immediately place the VANDEX CONSTRUCTION JOINT TAPE in the freshly applied VANDEX BB 75 E coat. Then, embed both fabric edges in the VANDEX BB 75 E mix.

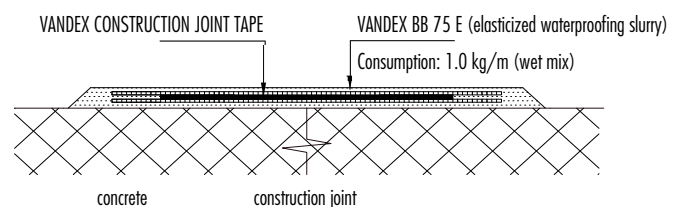


3. Overcoat VANDEX CONSTRUCTION JOINT TAPE with a second coat of VANDEX BB 75 E (2 kg/m², 1 mm) and smooth the surface with damp brush.



4. Finished state: Provide appropriate protection of the tape if required.

Cross section construction joint



CONSUMPTION

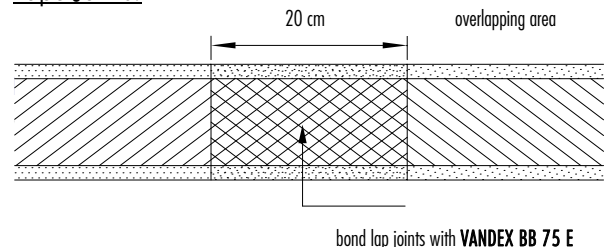
1 m VANDEX CONSTRUCTION JOINT TAPE → 1.0 kg/m VANDEX BB 75 E

TAPE JOINTS

Tape joints, mitre joints and T-joints are bonded using the flexible waterproofing slurry VANDEX BB 75 E.

At least 20 cm overlap – which is glued with VANDEX BB 75 E – is required in the joint details. The overlapping fabric web must be continuous through all the fitting details.

Tape Joints:



PACKAGING

30 m (in cardboard box)

STORAGE

When stored dry in unopened, undamaged original packaging shelf life is unlimited (optimum storage conditions: 20 °C / 50 % relative humidity).

CHEMICAL RESISTANCE

VANDEX CONSTRUCTION JOINT TAPE offers resistance to salt solutions, dilute acids and alkali solutions; low resistance to mineral oils, benzenes and strong solvents.

HEALTH AND SAFETY

Please refer to Safety Data Sheet on www.vandex.com.

TECHNICAL DATA		
Material		synthetic rubber covered by fabric
Thickness	[mm]	approx. 0.7
Total width	[mm]	approx. 180
Width of fabric web	[mm]	approx. 30
Roll length	[m]	30
Elongation at lateral failure	[%]	260
Water vapour diffusion resistance index		45'000
All data is averaged from several tests under laboratory conditions. In practice, climatic variations such as temperature, humidity, and porosity of substrate may affect these values.		

The information contained herein is based on our long-term experience and the best of our knowledge. We can, however, make no guarantee since for a successful outcome, all circumstances in an individual case must be taken into consideration. Indications of quantities required are only averages which in certain cases might be greater.



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