

Independently tested and approved: AMPA Clausthal-Zellerfeld, Germany  
 Test Report M2159 (1-22)  
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 University of Dortmund, Germany  
 Test Report 1-12

## Elasticized Waterproofing Slurry

- waterproof (tested to 7 bar)
- crack-bridging
- carbonation barrier
- good adhesive properties
- may be applied by spray
- for concrete, masonry and render
- used as an adhesive for **VANDEX CONSTRUCTION JOINT TAPE**



### DESCRIPTION OF MATERIAL

VANDEX BB 75 E is a cementitious, two-component, polymer-modified and efflorescence-free surface waterproofer with hydrophobic properties. It is resistant to water and moisture, and is made by mixing VANDEX BB 75 (as a dry component), with VANDEX ELASTICIZER PK 75 (liquid acrylic polymer).

The polymer provides elasticity and good crack-bridging properties to the waterproof coating, which has been tested up to 7 bar (70m head of water).

There is good compatibility between VANDEX BB 75 and VANDEX BB 75 E. The initial and final bond of VANDEX BB 75 E with most sound surfaces is excellent, making it suitable for manual or mechanical application, on both horizontal and vertical surfaces.

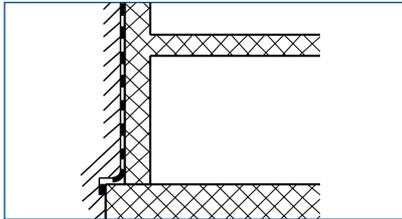
### The two component system:

- VANDEX CONSTRUCTION JOINT TAPE bonded with
- VANDEX BB 75 E elasticized waterproofing slurry

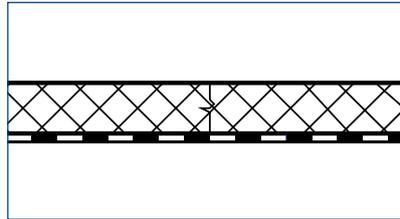


### AREAS OF APPLICATION

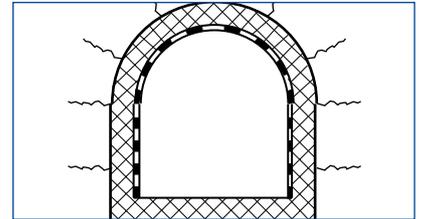
VANDEX BB 75 E is applied to surfaces such as concrete, masonry and render, which need to be sealed and protected against the influence of water and moisture. Its elastic properties allow it to be used in areas suffering from cracking or deforming, regardless of whether these problems are only local, or more extensive.



VANDEX BB 75 E used as surface waterproofing, externally and internally.



Areas experiencing cracking  
e.g. construction joints.



In areas where cracks and small deformation can occur, e.g. in tunnels and shafts.

### APPLICATION

Before applying VANDEX BB 75 E, the entire surface must be prepared using high pressure water jet, or sandblasting.



Slurry mortar guns (such as PUTZMEISTER Sprayboy with 8 mm nozzle) are suitable for the application of VANDEX BB 75 E.

VANDEX BB 75 E is applied in two coats.



VANDEX BB 75 E can also be applied by trowel.

### CONSUMPTION

Type of problem	approx. minimum amount of sealing slurry to be applied	minimum thickness of layer
Ground moisture	4 kg/m <sup>2</sup>	2.0 mm
Surface water and seepage	4 kg/m <sup>2</sup>	2.0 mm
Water under pressure	5 kg/m <sup>2</sup>	2.5 mm

For further information please refer to the product data sheet VANDEX BB 75 E.

The information contained herein is based on our longterm 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.

### TECHNICAL DATA

	VANDEX BB 75 E (wet mix)	VANDEX BB 75 E (hardened)
Colour	grey	grey
Density of wet mix	approx. 1.7 kg/l	
Setting time	approx. 3 – 4 h	
Adhesive strength		1.3 N/mm <sup>2</sup>
Elongation at rupture at 20 °C		20 %
Tear resistance at 20 °C		0.8 N/mm <sup>2</sup>
Crack-bridging capacity 20 °C Crack width in the concrete:		
■ with discoloration of the coating		0.5 mm
■ upon crack formation in the coating		≥ 1 mm