

JOINT SOLUTIONS – SEALING OF CONSTRUCTION AND MOVEMENT JOINTS



VANDEX CONSTRUCTION JOINT TAPE

bonded with VANDEX BB 75 E or VANDEX CEMELAST

Waterproofing Tape for Construction Joints and Cracks

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

Product Description

VANDEX CONSTRUCTION JOINT TAPE is a synthetic rubber strip, covered by an alkali-resistant and flexible polyester fabric mat. The properties of the fabric mat and synthetic rubber combine to ensure a strong bond with the concrete surface, maintaining excellent elasticity of the tape.

Areas of Application

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

VANDEX FLEXTAPE / FLEXTAPE E

bonded with VANDEX UNIFLEX NV or VANDEX FLEXTAPE ADHESIVE TW

High Performance Sealing Tape for Movement and Construction Joints

- permanent flexible waterproofing seal
- high movement capability depending on tape thickness and width of the flex zone
- thermal welding ensures secure, watertight joints
- standard sizes available

Product Description

VANDEX FLEXTAPE is a sealing tape made of thermoplastic elastomer (TPE). VANDEX FLEXTAPE E is a sealing tape made of FPO (flexible polyolefine). Both are extremely durable, have excellent resistance to weathering, UV radiation and chemicals.

Areas of Application

The tapes bridge and seal expansion and construction joints, as well as cracks in concrete structures. The maximum permissible expansion under continuous load depends on the thickness of the tape and the width of the non bonded flex zone. The tapes are resistant to hydrostatic pressure on the active side. On the passive side, in combination with a counterpressure structure.

VANDEX EXPASEAL W

bonded with VANDEX UNIFLEX

Expanding Waterstop 20 x 10 mm

- highly flexible
- easy application
- very good swelling behaviour, reversible

Product Description

VANDEX EXPASEAL W consists of hydrophilic chlorpren caoutchouc.

Areas of Application / Properties

VANDEX EXPASEAL W waterproofs construction joints or pipe inlets in concrete structures exposed to permanent or temporary hydrostatic water pressure. In contact with water VANDEX EXPASEAL W swells approx. 155%. The swelling action causes VANDEX EXPASEAL W to expand in the joint, filling all cavities and thereby stopping water flow. Swelling is delayed. The swelling process is reversible.

SUPERSTOP®

The Swellable and Resealable Waterstop 25 x 13 mm

- quick, easy application
- no overlapping or welding needed
- minimum 25 mm concrete covering

Product Description

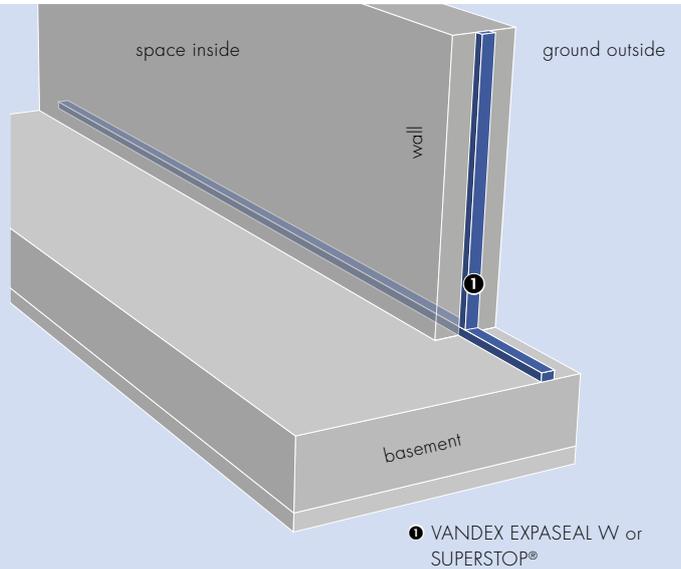
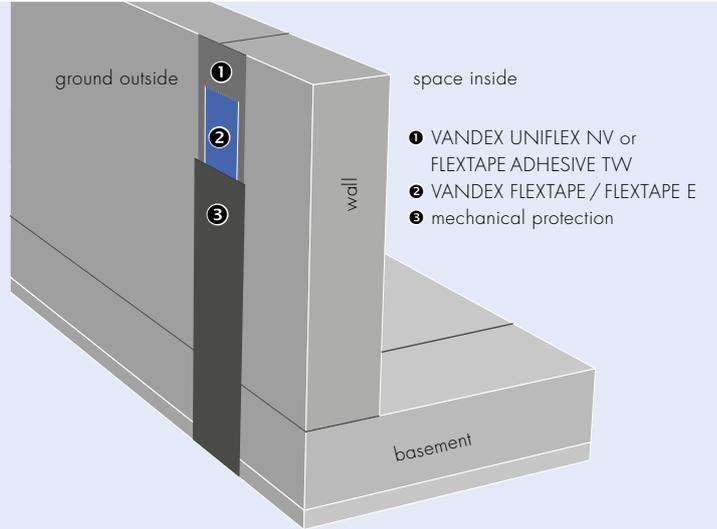
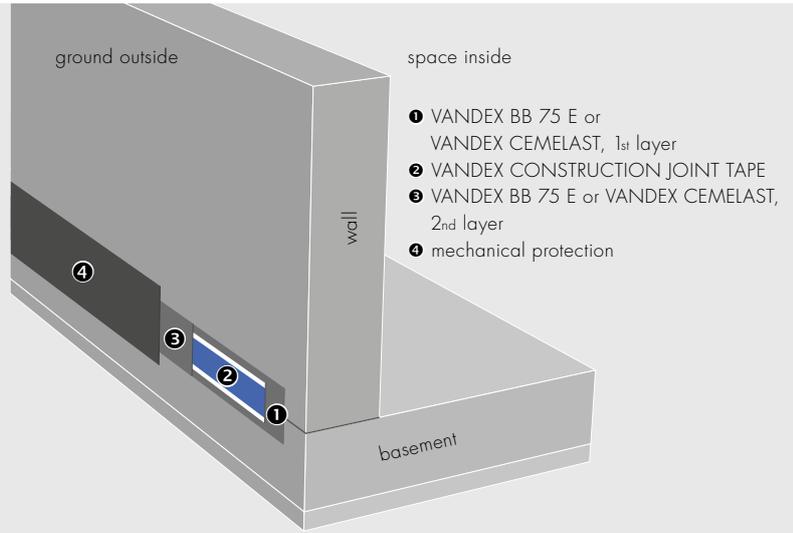
SUPERSTOP® is based on sodium-bentonite. In contact with water, this unique natural clay material increases in volume. It penetrates cracks and cavities.

Areas of Application / Properties

SUPERSTOP® can be used in pre-cast or cast-in-situ concrete installations, and is ideally suited for cold joints in below ground walls/slabs, tunnels etc. Joint surfaces where the SUPERSTOP® is to be installed should be troweled smooth. Remove release paper, exposing the adhesive. SUPERSTOP® roll ends are simply butted together. Nail at 300 mm centres.



System sketch basement/wall connection



OTHER TRUSTED JOINT SOLUTIONS

VANDEX UNI MORTAR 1

Waterproofing and Repairing Mortar

- for horizontal and vertical concrete surfaces
- resistant to frost and deicing salts
- approved for drinking water structures



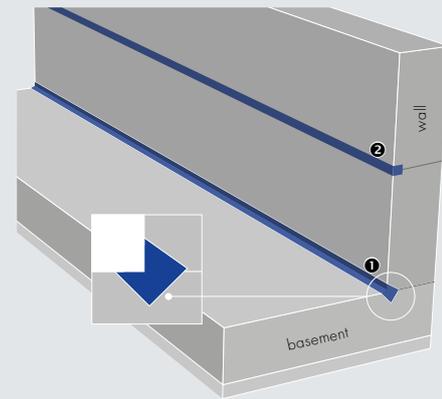
VANDEX UNI MORTAR 2

Rapid Setting Mortar for Waterproofing and Repairing

- waterproofing and screed with single product
- for horizontal surfaces
- resistant to abrasion and deicing salts

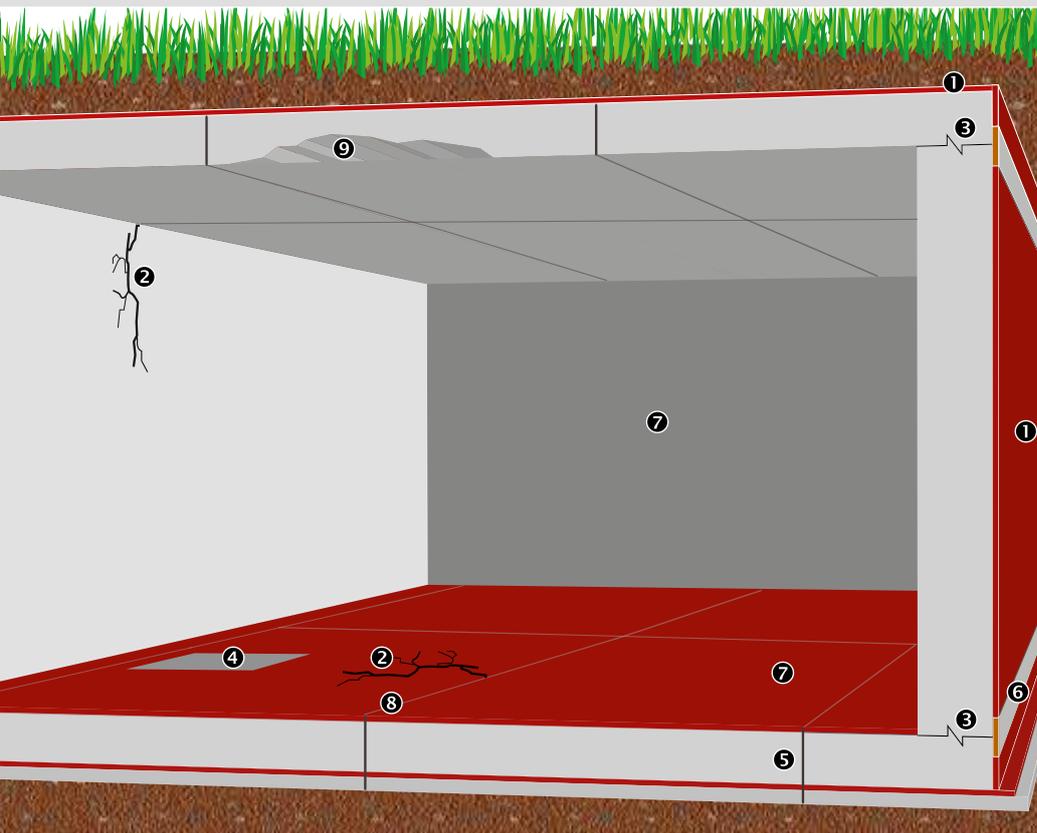


System sketch basement/wall connection



- ❶ VANDEX UNI MORTAR 1 or 2
- ❷ VANDEX UNI MORTAR 1

PRODUCTS FOR STRUCTURAL WATERPROOFING



❶ DUALSEAL

- HDPE Bentonite sheet

❷ HERMAPUR 4100 PUR Injection MONEPOX 4000/4001 EP Injection

❸ VANDEX EXPASEAL W / SUPERSTOP

- expanding waterstop / bentonite waterstop

❹ VANDEX GROUT 20 / 20 R

- normal and fast setting grout

❺ HERMAPUR 4800, 4601, 4600

- PUR jointing materials

❻ VANDEX CONSTRUCTION JOINT TAPE

- sealing tape bonded with VANDEX CEMELAST

❼ WATERPROOFING SOLUTION

- depending on project specifications

❽ VANDEX FLEXTAPE E

- sealing tape for joints and cracks

❾ CONCRETE REPAIR SOLUTION

- depending on damage assessment



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