JOINT SOLUTIONS – SEALING OF CONSTRUCTION AND MOVEMENT JOINTS

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

Rapid Setting Mortar for Waterproofing and Repairing
- waterproofing and screed with single product
- for horizontal surfaces
- resistant to abrasion and deicing salts

VANDEX UNI MORTAR 2

- for basement and wall
- System sketch basement/wall connection
- VANDEX UNI MORTAR 1 or 2 products for structural waterproofing
- HDPE Bentonite sheet
- HerMApur 4100 polyurethane injection
- Monopox 4000/4001 epoxid injection
- VAnDEX eXpAseAL n / superstop
- expanding waterstop / bentonite waterstop
- VAnDEX grout 20 / 20 rapid setting grout
- HerMApur 4800, 4601, 4600 PUR jointing materials
- VAnDEX construction Joint TApe
- sealing tape bonded with VANDEX CEMELAST
- Waterproofing solution depending on project specifications
- VAnDEX fLextApe e
- sealing tape for joints and cracks
- Concrete repair solution depending on damage assessment
**VANDEX CONSTRUCTION JOINT TAPE**

**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**

**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 bridges and seals 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 N**

**Product Description**
VANDEX EXPASEAL N consists of hydrophilic chloroprene caoutchouc.

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

**SUPERSTOP®**

**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 buttied together. Nail at 300 mm centres.
System sketch basement/wall connection

1. VANDEX BB 75 E or VANDEX CEMELAST, 1st layer
2. VANDEX CONSTRUCTION JOINT TAPE
3. VANDEX BB 75 E or VANDEX CEMELAST, 2nd layer
4. Mechanical protection

- VANDEX UNIFLEX NV or FLEXTAPE ADHESIVE TW
- VANDEX FLEXTAPE / FLEXTAPE E
- VANDEX EXPASEAL N or SUPERSTOP®
- VANDEX BB 75 E or VANDEX CEMELAST, 1st layer
- Mechanical protection

- VANDEX BB 75 E or VANDEX CEMELAST, 2nd layer
- Mechanical protection
OTHER TRUSTED JOINT SOLUTIONS

VANDEX UNI MORTAR 1
Waterproofing and Repairing Mortar
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• for horizontal surfaces
• resistant to abrasion and deicing salts

PRODUCTS FOR STRUCTURAL WATERPROOFING

1 DUALSEAL
• HDPE Bentonite sheet

2 HERMAPUR 4100 PUR Injection
MONEPOX 4000/4001 EP Injection

3 VANDEX EXPASEAL N / SUPERSTOP
• expanding waterstop / bentonite waterstop

4 VANDEX GROUT 20 / 20 R
• normal and fast setting grout

5 HERMAPUR 4800, 4601, 4600
• PUR jointing materials

6 VANDEX CONSTRUCTION JOINT TAPE
• sealing tape bonded with VANDEX CEMELAST

7 WATERPROOFING SOLUTION
• depending on project specifications

8 VANDEX FLEXTAPE E
• sealing tape for joints and cracks

9 CONCRETE REPAIR SOLUTION
• depending on damage assessment

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