



VANDEX CONSTRUCTION JOINT TAPE

WATERPROOFING STRIP FOR STATIC JOINTS AND CRACKS

WATERPROOFING

VANDEX CONSTRUCTION JOINT TAPE

MASTER FORMAT #:
030030071

DESCRIPTION

VANDEX CONSTRUCTION JOINT TAPE is a 7" wide synthetic rubber "tape" that is covered with an alkali resistant and flexible polyester fabric, which forms a web around the edges. **VANDEX CONSTRUCTION JOINT TAPE** is used in conjunction with **VANDEX BB 75** or **VANDEX CEMELAST** to provide a permanent waterproof seal over static joints and cracks on either the positive or negative side of a substrate where water is a problem.

PRIMARY APPLICATIONS

- Structural slabs
- Swimming pools
- Foundations & basements
- Tunnels
- Dams & water reservoirs
- Manholes
- Sewage & water treatment plants
- Culverts
- Spillways

FEATURES / BENEFITS

- Waterproofs on the positive or negative side
- Remains flexible
- Resistant to hydrostatic pressure
- Can be applied to green concrete for fast turnaround

PACKAGING

VANDEX CONSTRUCTION JOINT TAPE is supplied in 30m rolls.

SHELF LIFE

VANDEX CONSTRUCTION JOINT TAPE has an infinite shelf life provided it is stored in its original, unopened package in a dry environment.

COVERAGE

One roll of **VANDEX CONSTRUCTION JOINT TAPE** will seal 30 linear meters of joint or crack. The tape is 17.8cm wide with an additional 3.2cm of fabric webbing off the edges.

DIRECTIONS FOR USE

Surface Preparation: The surface must be structurally sound, clean and free of dirt, oil and other contaminants including curing compounds, form release agents, old coatings, paint and efflorescence. New concrete and masonry must be cured a minimum of 7 days. All concrete laitance must also be removed. Provide an absorptive surface on all substrates including precast and formed concrete. The surface must have an open pore appearance for proper adhesion. Remove form marks and other protrusions. Concrete honeycombs, cavities, joints, cracks, voids, tie holes and other defects must be opened and routed to a 1.9cm depth or to sound material. No active water leaks should be present at the time of application of **VANDEX CONSTRUCTION JOINT TAPE**. Use **SPEED PLUG**, **VANDEX PLUG**, or **VANDEX SUPER** mixed with **VANDEX QUICKBINDER** to stop all active leaks. Any surface defects need to be addressed with the application of **VANDEX UNI MORTAR 1 ZSR**. If the **VANDEX CONSTRUCTION JOINT TAPE** is going to be used to treat cracks and joints on the negative side, rout out the cracks and joints to 1.9cm in depth and fill with **VANDEX UNI MORTAR 1 ZSR**. Once prepared, the substrate should be dry, but slight dampness is acceptable prior to the application of the material.

Mixing: **VANDEX CONSTRUCTION JOINT TAPE** requires no mixing or preparation, however the **VANDEX** slurry materials used to adhere the tape to the substrate require mixing. Please refer to the technical data sheets of either **VANDEX BB 75** or **VANDEX CEMELAST** for proper mixing and application instructions.

Application: After preparing the joint or crack as described above, follow the directions on the VANDEX slurry material technical data sheet for mixing and placement. Apply the first coat of slurry material and be sure to extend the application of the VANDEX slurry material at least 1 cm beyond the width of the tape in each direction. Position the tape over the applied coating and embed properly, making sure the fabric webbing on the edges gets fully embedded. Overcoat the tape with a second lift of VANDEX slurry mortar and smooth with a trowel or damp brush. In the event the VANDEX CONSTRUCTION JOINT TAPE and slurry are applied for negative side protection, mechanical bracing will be required if hydrostatic pressure is present through the crack or joint in the substrate. For lap splices, overlap the tape at least 20cm, using the VANDEX slurry material as an adhesive for the splice. For internal and external corners, use a 3.2cm x 3.2cm piece of VANDEX CONSTRUCTION JOINT TAPE adhered to the material in the corner for added reinforcement.

Curing and protection: While the VANDEX CONSTRUCTION JOINT TAPE requires no special curing, the slurry mortar used in the process may. Please refer to the technical data sheet of the VANDEX slurry mortar used for all curing, protection and return to service requirements.

CLEAN UP

Clean mixing and application equipment with water immediately after use. Clean splatter or spills with water before material sets. If allowed to dry on the surface, removal becomes extremely difficult.

PRECAUTIONS / LIMITATIONS

- Do not apply to frozen or frost filled surfaces or when temperature is below or expected to fall below 4°C within 48 hours.
- Protect treated surfaces from frost for 5 days.
- Do not fill open cisterns, tanks, pools, etc. with water for at least 7 days. Inspect for hardness prior to filling.
- Allow minimum 3 days drying time before backfilling. Use protection boards to prevent gouging.
- Allow 28 days cure before the application of coatings and cementitious treatments.
- Protect treated surfaces for 24 hours from rain.
- Apply a test patch to evaluate performance and appearance on concrete or block substrates which have been subjected to contamination, efflorescence or chemical attack.
- In all cases, consult the Safety Data Sheet before use

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