



VANDEX QUICKBINDER

ACCELERATING AGENT FOR VANDEX SUPER

EUCLID CHEMICAL

WATERPROOFING

DESCRIPTION

VANDEX QUICKBINDER is an alkaline liquid that is mixed into **VANDEX SUPER** crystalline waterproofing powder to create a fast-setting mortar that stops actively leaking water. **VANDEX QUICKBINDER** can be used as supplied or diluted with water to control the setting time of the mortar. It does not contain chlorides or solvent. With the addition of **VANDEX QUICKBINDER**, **VANDEX SUPER** takes on hydraulic cement properties to cease water penetration through joints, cracks, form tie holes, etc. The setting time of **VANDEX SUPER** when mixed with **VANDEX QUICKBINDER** is approximately 1 minute at 20°C.

PRIMARY APPLICATIONS

- Structural slabs
- Swimming pools
- Foundations & basements
- Tunnels
- Dams & water reservoirs
- Manholes
- WTP & WWTP
- Construction joints
- Spillways

FEATURES / BENEFITS

- Rapid setting for quick turnaround
- Can be quickly coated with **VANDEX SUPER**
- Stops gushing water immediately
- Crystalline growth occurs with treated substrate

PACKAGING

VANDEX QUICKBINDER is available in 10 L buckets

SHELF LIFE

2 years in original, unopened package

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. 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 capillary system for adhesion and for optimum crystalline growth. Concrete honeycombs, cavities, joints, cracks, voids, tie holes and other defects must be opened and routed to sound material. Once prepared, the substrate needs to be soaked with water to a saturated, surface-dry (SSD) condition just prior to the application of the material.

Mixing & Application: SEEPING WALLS: Prior to application, dilute **VANDEX QUICKBINDER** 1:1 with potable water. Create a brushable slurry by mixing 2 parts of **VANDEX SUPER** with 0.8 part of the diluted solution by volume (2:0.8). Immediately brush the slurry onto the seeping wall. This slurry will take initial set quickly. Mix only enough slurry that can be applied before it takes initial set.

CONSTRUCTION JOINTS: Prepare by chasing the joint down to 5 cm deep. Remove any dust and loose concrete. Mix 3 to 4 parts of **VANDEX SUPER** with 1 part of undiluted **VANDEX QUICKBINDER** by volume. Firmly press a 2 cm plug into the bottom of the joint. Once the leak has stopped, mix a slurry coat of **VANDEX SUPER** by mixing 2 parts **VANDEX SUPER** with 0.8 part water by volume. Brush apply the **VANDEX SUPER** slurry over the previously placed plug. While the **VANDEX SUPER** slurry is still wet, fill in the rest of the joint with a damp pack of **VANDEX UNI MORTAR 1 ZSR**.

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MASTER FORMAT #:
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RANDOM LEAKS: Locate the leak and chase the surrounding substrate back to 10 cm in depth. Mix 4 parts of VANDEX SUPER with 1 part of undiluted VANDEX QUICKBINDER by volume to a semi-dry consistency. Firmly press and hold the cementitious plug in the leaking void until it sets (approx. 1 minute). Once the leak has stopped, mix a slurry coat of VANDEX SUPER by mixing 2 parts VANDEX SUPER with 0.8 part water by volume. Brush apply the VANDEX SUPER slurry over the previously placed plug. While the VANDEX SUPER slurry is still wet, fill in the rest of the joint with a damp pack of VANDEX UNI MORTAR 1 ZSR. After the mortar has set, coat the surface of it and the rest of the project with VANDEX SUPER as described on the VANDEX SUPER technical data sheet.

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 mix allow VANDEX QUICKBINDER liquid to freeze.
- Do not mix more material than can be placed before it sets.
- Do not apply to frozen or frost filled surfaces or when temperature is below or expected to fall below 4.44°C within 48 hours.
- Protect treated surfaces from frost for 5 days.
- Do not apply VANDEX SUPER at temperatures above 32°C, unless the surface has been fully saturated with water at the time the application begins. Take protective measures to shade substrates in elevated temperatures.
- VANDEX SUPER slurry is not designed as a wearing surface. Apply a protective topcoat before subjecting it to traffic.
- 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 and neutralize the product before the application of coatings.
- Protect treated surfaces for 24 hours from rain.
- In all cases, consult the Safety Data Sheet before use

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