

TECHNICAL DATA SHEET

Concrete Repair



Krystol Plug™

DESCRIPTION

Krystol Plug is a fast setting powder that, when mixed to a stiff-dough consistency with water, may be used immediately to arrest the seepage or flow of water through concrete voids. Kryton Plug is used to stop flowing water, allowing waterproofing repair to be installed in leaking cracks, holes, joints or any place where water is flowing at a high rate or under pressure.

FEATURES & BENEFITS

- Stops flowing water immediately
- Sets fast, in one to two minutes
- Easy to mix and apply
- Will set up and harden under water
- Has exceptional strength
- Does not contain any Chlorides
- Safe for drinking water applications
- Can stop extreme leaks (Water Under Pressure)

RECOMMENDED USES

- Use as part of the Krystol® Leak Repair System to repair leaking cracks, joints and holes
- Provides impervious, non-shrinking seal to prevent seepage around pipes and metal fixtures in masonry and concrete

PROPERTIES

<u>Physical Properties</u>	
Appearance	Dark gray powder
Bulk density g/cm ³ (lb. /cu. ft.)	1.4
pH (when mixed with water)	13
<u>Plastic Properties</u>	
Working time (20°C/ 68°F, 50% RH)	1 minute
Hardening time (20°C/ 68°F, 50% RH)	2 minutes
<u>Hardened Properties</u>	
Compressive strength	50 MPa (7250 psi) @ 7 days

APPLICATION

To Waterproof Cracks, holes and Joints. Mix Krystol Plug to a suitable putty consistency that can be held in your hand (wear gloves) approximately 4 parts powder to 1 part clean water by volume. Mix only the amount of material that can be applied within one minute. After the Krystol Plug putty has been adequately kneaded into a uniform texture, immediately press it firmly into the cracks and crevices to be sealed using maximum pressure without heavy back & forth motion. Air and surface temperatures must be at least 4°C.

For detailed application methodology, please consult a Kryton representative for project specific recommendation.

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LIMITATIONS

Krystol Plug is effective for rigid structures only and may not reliably seal cracks that experience variable loading or repeated movement. Consult a Kryton representative for project specific recommendations.

SAFETY

For professional use only. This product becomes caustic when mixed with water or perspiration. Avoid contact with skin or eyes. Avoid breathing dust. Wear long sleeves, safety goggles and impervious gloves.

PACKAGING

Krystol Plug is available in 5 kg resealable pails.

SHELF LIFE

When stored in a dry enclosed area, Krystol Plug has a shelf life of 2 years for unopened pails.

WARRANTY

Kryton Buildmat Co. Pvt. Ltd. warrants that its products are free from manufacturer's defects and, when applied in accordance with the current specifications and application instructions will perform as stated in its product literature. Because methods and conditions of use are beyond the control of Kryton, no guarantee, expressed or implied can be given as to the results of application. Liability of Kryton shall be limited to replacement of materials proved defective or, at its option, refund of the purchase price of the product.