Krystol Plug™

(Rapid-Setting Hydraulic Cement for Concrete Repair)
Product Code: K-620

DESCRIPTION

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

FEATURES

- 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

KEY BENEFITS

- Can stop extreme leaks
- Works where all other products fail

RECOMMENDED USES

- Use as part of the Krystol® Crack 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

PHYSICAL PROPERTIES

Appearance	Dark gray powder
Bulk density g/cm^3 (lb. /cu. ft.)	1.4 (88)
pH (when mixed with water)	12

PLASTIC PROPERTIES

Working time (20°C/ 68°F, 50% RH)	1 minute
Hardening time (20°C/ 68°F, 50% RH)	2 minutes

Kryton International Inc.
1645 East Kent Avenue, Vancouver BC, Canada V5P 2S8 | TEL 1.604.324.8280 | FAX 1.604.324.8899 | TOLL FREE 1.800.267.8280 | WEB kryton.com
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HARDENED PROPERTIES

Compressive strength	50 MPa (7250 psi) @ 7 days

APPLICATION

For use as part of the Krystol Crack Repair System, read and distribute Application Instruction 5.11 — Waterproofing Cracks, Holes and Joints before using this product. 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 but with minimum back and forth motion or rubbing. Air and surface temperatures must be at least 4 °C (40 °F).

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

Read the Material Safety Data Sheet (MSDS) for this product. 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

- 5 kg (11 lb.) resealable pails
- 25 kg (55 lb.) resealable pails

SHELF LIFE

Krystol Plug has a minimum shelf life of 24 months for unopened pails, and 4 months for properly resealed pails.

WARRANTY

Kryton International Inc. warrants that its products are free from manufacturer's defects and, when applied in accordance with the current specification and application instructions will perform as so 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.

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