

# TECHNICAL DATA SHEET

## Concrete Repair



# Krystol Plug™

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 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)
- CE certified, Structural Repair Products (R4 Category) – EN 1504-3

## 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

| Physical Properties                           |                            |
|---|----------------------------|
| Appearance                                    | Dark gray powder           |
| Bulk density g/cm <sup>3</sup> (lb. /cu. ft.) | 1.4                        |
| pH (when mixed with water)                    | 13                         |
| Plastic Properties                            |                            |
| Working time (20°C/ 68°F, 50% RH)             | 1 minute                   |
| Hardening time (20°C/ 68°F, 50% RH)           | 2 minutes                  |
| Hardened Properties                           |                            |
| 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.

# TECHNICAL DATA SHEET

## Concrete Repair



### LIMITATIONS

Krytol 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

Krytol Plug is available in 5 kg reusable pails.

### SHELF LIFE

When stored under standard conditions and minimum temperature of 7°C, Krytol Plug has a shelf life of at least 2 years for unopened pails.

### WARRANTY

Kryton Buildmat Co. Pvt. Ltd. warrants that Kryton products are free from manufacturing defects and comply with the specifications given in their respective technical data sheet. Because conditions of use, such as site conditions, surface preparations, workmanship, concrete ingredients, weather, structural issues and other factors are beyond the control of Kryton, no warranty can be given as to the results of use. Purchaser agrees to seek the advice of qualified professionals and to determine for themselves the suitability of the products for their intended purpose and assumes all risks. Purchaser's sole remedy is limited to replacement of any product proven defective or at Kryton's option refund of the purchase price paid. THIS LIMITED WARRANTY CONTAINS THE ENTIRE OBLIGATION OF KRYTON. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, SHALL APPLY INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. KRYTON SHALL NOT BE LIABLE UNDER ANY LEGAL THEORY FOR SPECIAL OR CONSEQUENTIAL DAMAGES. No representative of Kryton has the authority to make any representations or provision except as stated herein. Kryton reserves the right to change the properties of its products without notice.