Technical Data Sheet

Krystol Plug™

(Rapid-setting Hydraulic Cement)

DESCRIPTION

Krystol Plug™ is a 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 cracks. Within two minutes, Krystol Plug™ sets to a completely waterproof seal and continues to harden until its strength exceeds that of the concrete onto which it has been applied.

FEATURES

- Stops flowing water immediately
- Sets fast, in one to two minutes
- Easy to mix and apply
- Will set up and harden under water
- On setting, it expands to improve sealing
- Has exceptional structural strength
- Non-toxic
- Non-metallic
- No calcium
- Safe for drinking water applications

COVERAGE

SI	1 Kg/500ml
IMP	1Lb/13in3

PRECAUTIONS

Krystol Plug™ becomes caustic when mixed with water. Use suitable protective clothing and eye protection. Please refer to the MSDS for more detailed information.

PACKAGING

Krystol Plug™ is packaged in the following standard sizes:

- 25kg pails

PHYSICAL PROPERTIES

Color	Dark Grey
Texture	Coarse Powder
Bulk Density	1.4
PH (when mixed with water)	13
Solubility in Water	Insoluble
Compressive Strength	50 MPa @ 7 days

RECOMMENDED USES

- Part of Krystol Cracks Repair Specification No. 1
- Cracks and holes in masonry or concrete
- Cove Joint Sealant
- Plugs and seals construction holes left by tie wires, wood or steel separators
- Firmly anchors bolts and ornamental iron
- Provides impervious, non–shrinking seal to prevent seepage around pipes and metal fixtures in masonry and concrete

APPLICATION

The cracks or hole to be treated should be cut away to a minimum depth and width of 2" (5 cm) by undercutting or square cutting (not by v cut). Flush away all cuttings and dirt to form a clean, washed surface. Surfaces to be treated must be pre-soaked with clean water to a saturated surface dry (SSD) condition. Do not leave any standing water.

Add clean water to Krystol Plug™ powder, mix to a putty-like consistency that can be held in your hand (wear gloves). 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. Mix only the amount of material that can be applied within 1 minute.

Workable consistency:	4 parts of powder to 1 part water

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