HYDROPLUG instant water stop

RAPID SETTING HIGHBUILD HYDRAULIC MORTAR TO SEAL WATERWAYS

It's a cement based ultra fast set hydraulic cement to instantly stop running water or leaks through concrete or masonry. A dry powder mixed with water, it sets in 3-5 minutes, expanding as it sets to lock in place even under constant water pressure, and can be applied under water. It hardens within seconds and increases slightly in volume while setting.

Instantly stops running water or seepage through holes or cracks in concrete or masonry walls, swimming pools, sea walls, water storage facilities, tunnels, fountains, water channels and drains, ponds, piers.

Features And Benefits

- Fully Hydraulic and rapid setting to arrest the water very quickly
- High resistance to pressure and fast setting
- Ready to topcoat in 20min time
- High Build and very durable
- Sets above and below water and expand to lock in place.
- Non-toxic and can be used underwater

Properties

HYDROPLUG is a propriety mix composed of cement, graded silica, calcium hydrocide, fillers and additives.

Color : Grey
Practical Size :0-0.5mm
Bulk density 1.2

Compressive Strength, psi(Mpa) ASTM C 109 week:6,000	In one hour:2,000 In one
Tensile Strength, psi(Mpa) ASTM C 190 week:360	In one hour:310 one
Flexural Strength, psi(Mpa) ASTM C 348 week:360	In one hour:310 one

engineered to perform

Uses

- Cracks or holes with running water or moisture seepage.
- Vertical or horizontal surfaces
- Interior or exterior and above or below grade.
- Water tanks, reservoirs and gutters
- Toilet, swimming pools
- Underground structures
- Sealing of injectors and drains

SURFACE-PREPERATION

Surface must be clean and structurally sound. Remove all dirt, loose material, oil, grease and unsound concrete from leak area. Undercut or square cut cracks to at least 3/4" X 3/4", if possible.

MIXING

Mix HYDROSHIELD Powder with minimal clean water (for no longer than 30 seconds) to make a stiff putty to fill active leak. For larger area preventative work, mix to a heavy batter. Mix only enough that can be used in 3 minutes.

APPLICATION

HYDROSHIELD mix can be applied my trowel or hand Wear protective gloves and goggles. Press or Trowel HYDROSHIELD mix by hand into the crack or hole and hold in place without twisting (wearing
gloves). Product will start to expand and seal leak. For larger job, trowel cement crack areas. Coverage: 2-1/2 pounds fills a crack 3/4" deep by 3/4" wide by 75" long (42 cubic inches).
For specific application guidelines, contact ORGANIX technical support.

DRYING GUIDE

HYDROSHIELD sets in 3-5 minutes. Actual setting time depends on ambient temperatures as well as the temperatures of the powder, mixing water and affected surface. It contains no metallic aggregates or corrosive agents, will not shrink or oxidize and is suitable for water immersion service when cured.

CLEANUP & STORAGE

Clean tools with warm soapy water immediately after use. Store unused product in its original can, tightly sealed. Protect from freezing. Dispose of this product in accordance with local, state and federal requirements.

PACKING

25 /20 KG BAGS

engineered to perform

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