

ARMORPLUG

Single component fast setting Hydraulic Plug

Product Description:

Armorplug is a fast setting hydraulic cement for concrete and masonry. Armorplug is mixed with water and sets within 3-5 minutes, expanding as it sets to lock in place under constant water pressure or under water. Armorplug instantly stop running water in leakage points, cracks on concrete or masonry surfaces.

Characteristics:

- Fast setting: changes from a mortar like mix to a hardened state within a minute and sets within minutes.
- extremely easy to use, just add water and mix.
- it expands as it sets to create a water tight seal.
- can be used below grade and above grade, internal and external, even under water
- Stops leaks under water.

Surface Preparation:

- Surface must be clean and structurally sound. Remove all loose laitance, dirt, oil, grease and unsound concrete from leak area.
- Mechanically cut cracks to at least $\frac{3}{4}$ * $\frac{3}{4}$ inches waterproofing against chemical attack, weathering.
- Relieve pressure if possible by drilling holes near the point of leakage.
- Saturate surface with clean water (SSD)

Mixing:

Pour a small amount of water into a container, begin to add powder gradually until you achieve a stiff consistency.

Mixing can be done with hand wearing glove or with a trowel.

Application Suggestions:

Scoop the material while still in plastic state with glove hand or hand trowel, form a ball with the material and hold until it begins to generate heat, press into the crack or hole and hold for a minute or two. Warm water will accelerate set.

Packaging:

20kg, 10kg, 5kg and 1kg packs

Compressive Strength: PSI

Armorsil ASTM C 109,
1 day: 1600
7 days: 4200
28 days: 5000

Consumption:

Consumption depends largely on usage; recommended dosage is 0.40 feet per 250 grams of Armorplug.

Material Properties:

Appearance: Light grey

Health and Safety:

Like all material that contains Portland cement, this material must be handled professionally as it can cause irritation and burns.



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