



## *Hydraplug*

*Stops Immediately Leakage,  
Seepage and Running Water*

### **Description**

Hydraplug is a specially developed one component formulation, which stops leakage, seepage and running water within minutes in concrete or masonry walls and floors.

Hydraplug provides an immediate and reliable repair work against undesired water leakage.

Hydraplug is free from chlorides and any other harmful substances, and can universally be used to stop leaking and running water in brickwork and concrete.

Hydraplug not only stops water leakage instantly, but also develops the normal 28 days strength of concrete within hours.

The waterproofing treatment, whether coating, screeding, plastering laying membranes or any other system is not fully effective if the water leakage and inrush on the concrete or masonry substrate is not stopped prior to any treatments.

Unless stopping the water leakage, the subsequent treatment will flush out peel off, or have inadequate base to give the desired results.

Hydraplug can also be used as an anchoring aid for bolts, mechanical posts, conduits and filling, holes left by tie wires, wood, poles and steel separators etc. in concrete and masonry, wherever rapid hardening and fast strength gaining is desired.

Hydraplug has varied usage in almost all civil engineering structures, both old and new.

### **Object**

- Cellars, basements, and foundations
- Tunnels, subways, and underground structures
- Harbors, dams, and water channels
- Sewage structures, tanks, and pipes
- Water reservoirs, tanks and cisterns
- Floor and wall junction cracks
- Surfaces having leakage problems requiring repairs
- Interior or exterior surfaces, where water leaks through holes or cracks
- Repair work requiring instant setting and rapid strength development
- Anchoring of pipes, bolts, mechanical posts, conduits and filling, holes left by tie wires, wood and steel separators etc
- Fast installation and connection work in concrete and masonry

### **Advantage**

- Sets within minutes and develops the normal 28 day strength of concrete within hours
- Provides excellent bonding properties to the substrate, also in wet conditions
- Ready-to-use, requires only addition of water at job site
- Withstands hydrostatic pressure leakage
- Avoids streams of running water through walls
- Extremely economical, no machinery or equipment is required

## ***Instruction for Use***

- Trace the surface where water is leaking or intruding, and identify the cause.
- Chip the surface where water is leaking to form a dovetail .Cut at the point of leakage and remove all dirt , loose particles and contaminations adjacent to it.
- Place Hydraplug compound in a plastic container and add tape water 4:1 and stir until a thick paste is formed. The mixing ratio can be adjusted slightly to achieve a thick paste in desired consistency.
- Mix only small quantities that can be applied instantly.
- Pick up the paste by hand (hand gloves usage is absolutely mandatory) and quickly form into a shape of a ball, plug the dovetail cut, and press firmly with the aid of a trowel or similar tool, and keep pressing firmly for about 1-2 minute until the compound sets.
- If water is intruding under high pressure, insert a plastic pipe into the point of leakage and plug the compound around the hose. Once the compound around the hose is hardened, pull the pipe and plug the hole left from the pipe.
- Before the compound has fully hardened, smooth out the surface by suitable tools. Once active water leakage is stopped, cut off the excess plugging from the surroundings.
- Keep the plugging slightly wet for about 15-30 minutes depending upon ambient temperatures, by gently sprinkling water.
- Flush the surroundings with a cementitious waterproofing slurry like Hydraseal to complete the application to keep the surface dry

## ***Packing***

5 kgs. and 25 kgs.

## ***Precaution***

Gloves and goggles should be worn.

## ***Storage***

Store in original unopened package in a dry place, protected from extreme heat.

## ***Act (Thailand) Co., Ltd.***

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