



SUPER PLUG 03

Super quick set hydraulic cement

Description

SPARTAN Super Plug 03 is a series of ultra - fast setting hydraulic mortars which offers immediate and long - term protection against water leakage. These mortars harden rapidly and increases slightly in volume while setting.

Uses

To plug and stop running water under pressure.
Quick setting cement for waterproofing, fast repairs, urgent installations.

Other Uses

- To caulk water leakage
- To fill holes and cracks
- To fix hooks and wall plugs
- To seal pipes and drains
- To anchor railings
- To patch spalled areas

Advantages

- Ready to use quick setting hydraulic cement
- Free of chloride and soda
- High Strength with controlled expansion
- Unaffected by corrosion in embedded metals
- Seawater resistant
- Airtight seal

Setting Time

3 minutes

Packaging

Available in 15kg pail and 4.5kg can

Yield

1.7kg of powder produces about 1 litre of mortar

General Patching

Cut or chisel out the concrete or masonry surrounding the hole or crack to a minimum depth and width of 20mm. Undercut the crack or hole in the shape of an inverted 'V'. this provides a mechanical bond during the initial set and final cure periods. Flush, blow or vacuum all of the loose particles, dust and other foreign materials from the prepared areas.

Thoroughly wet the areas to be patched immediately before installing SPARTAN Super Plug 03. Force SPARTAN Super Plug 03 into the crack or hole by hand or with a trowel. Fill SPARTAN Super plug 03 to the full depth of the opening.

Patching Active Leaks

Start at the top of the crack or hole, and force the Super Plug 03 to the full depth of the prepared area. Apply direct pressure to the new patch until it has taken a firm set.

Using fresh material, concrete patching towards the area of the greatest pressure.

Floor-Wall Fillet

Follow the above methods for the specific conditions encountered. Use a rounded tool to force the Super Plug 03 into the joint and construct a 45 degree transitional cove between the floor and wall at the same time.

Mixing Instruction

Pour potable water into a clean mixing container and gradually add the dry Super Plug 03. Use approximately 0.32 litre of water to about 1kg of material. Using a trowel mix rapidly to the consistency of stiff putty with no slump. Mix no more than one minute. Stick to the mixing method for next application.