



## Specially Modified, Quick Setting, Compound for Use as Water Plug To Stop Running Water Leakages

### General

Waterproofing Strategies often have the need to seal heavy water leakages quickly and effectively. Whether slow following water or water under pressure, a heavily leaking substrate cannot be successfully waterproofed. The substrate needs a compound that can stop running water, will set and gain strength very fast and most importantly is waterproof and does not shrink. These varied requirements can be fulfilled using a special polymer modified, exceptionally quick setting, non-shrink waterproof compound to plug actively running water leakages.

**SS - QuickStop MP** is a single component, solvent free, quick setting compound that is specifically designed to set very quickly and create a waterproof non-shrink plug, that prevents the water travelling through the substrate. **SS - QuickStop MP** is a fine compound that can seal openings, rendering them waterproof. The mortar is chloride free and does not saponify over a period of time. The compound needs to be mixed with a small amount of water to get the plugging mortar. The mortar develops strength rapidly and is completely hardened in about five minutes. **SS - QuickStop MP** has excellent waterproofing and bonding properties and it forms a permanent seal. The mortar is formulated with special fast setting cements, fine fillers, accelerators, waterproofing agents and a mixture of special chemicals to impart special properties.

### Product Features

- Extremely Quick Setting, Water Plugging Compound
- Waterproof
- Thixotropic
- Can seal water under pressure, fast running water
- Non-Shrink, dimensionally stable
- Chloride Free. No Corrosion Promoting Action
- Breathable, Non-Toxic, UV, Abrasion and extremely resistant to water
- Extremely fine compound, can easily fill cracks and narrow crevices
- Permanently seals running water / seepage
- Can be used with concrete or masonry substrates



### Areas of Application

- Any Brick Structure
- Joint filling, concrete tunnel segments and pipes.
- Water Tanks, lift wells, inspection pits, tunnels and underground structures
- Crack and Void Sealing
- As a drying compound over wet masonry / plastered walls
- In waterproofing strategies, where continuous water seepage hampers waterproofing applications
- As binder for extremely fast setting repair mortars
- Repair applications and pointing prior to waterproofing



### Areas of Application

<b>Specification Keywords</b>	Quick Setting, Waterproof, Plugging Compound, Non-Shrink, water-plug, high bonding strength, drying compound
<b>Delivered As</b>	Grey Powder
<b>Storage Instructions</b>	Store in a cool, dry area away from sunlight in original packaging
<b>Shelf Life</b>	12 months
<b>Post Use</b>	Empty packaging completely. Dispose as per local regulations. Refer MSDS for suggestions.
<b>Packing Size</b>	30 kg



## Hazards and Safety



## Technical Data

<b>Sp. Gravity</b>	3.00 +/- 0.05
<b>Mixing Ratio</b>	As per requirement
<b>Hardening Time</b>	5 to 7 minutes
<b>Pot Life</b>	3 to 5 Minutes
<b>pH</b>	Like Cement

## Instructions for Use

Always test in a small inconspicuous area with a 24-hour cure time to determine consumption, ease of application and desired results. Surface temperature should be 10 - 30 °C. The substrate must be clean, dry and free from all loose particles, old paint, dust, oil and other materials having a separating effect. The substrate should be sound and have adequate strength (pull off strength > 1.5 N/mm<sup>2</sup> is most suitable). Weigh out some water and **SS - QuickStop MP**. Add the powder to the water and not vice-versa as it helps in dispersion of the polymers. Mix manually for 1 to 2 minutes to a smooth dough consistency. **SS - QuickStop MP** can be applied by trowels, or directly by hand (using gloves).

Clean out the leakage area of all de-bonding influences. Chisel out the area of the leak to a depth of 20mm and until water flows freely. Using gloves, pre-treat the area surrounding the leak using **SS - QuickStop MP**, until the fast flowing water slows down. Prepare a plug of material by mixing powder with sufficient water to obtain a malleable, dough-like consistency. Using a gloved hand, or a steel trowel, press the plug firmly into the main leak and hold it in place until set. If necessary, apply a further amount of **SS - QuickStop MP** powder over the treated area, to dry out the area completely.

Proceed with the waterproofing treatment using suitable materials such as **SS - CrystoSeal 1K / 2K**, **SS - CrystoSeal Flex** or **SS - SuperSeal Flex**.

## Safety and Precautions

- Mix only small quantities that can be used within 30 minutes. Water should not be added to hardened mixture.
- Higher temperatures accelerate the hardening and lower temperature delays it.
- Take suitable safety precautions at all times. Always wear protective goggles, safety shoes, masks and gloves.
- If inhaled, move immediately to fresh air. In case of skin or eye contact, flush immediately with water for 15 minutes.
- Remove contaminated clothing and shoes and call a physician.
- Clean up promptly after job is complete. Clean equipment with water and allow to dry in a well-ventilated area. Allow rags etc. to dry in a well-ventilated area out of the reach of children and pets.
- Local, state and federal regulations should be consulted for proper disposal procedures.