

TECHNICAL DATA SHEET

EUROCRETE PLUG

Rapid-setting cementitious waterplug

- Functionality:**
- Ease of use requiring only addition of water
 - Rapid setting to stop running water instantly
 - Highly durable, low porosity of the patch ensures permanence of repair
 - Similar thermal properties as parent concrete
 - Non-shrink properties
 - Chloride-free
- Application:** Apply by gloved hand or trowel.
- Area of use:** For patching, joint filling, caulking and pointing of:
- Concrete pipes
 - Tunnels
 - Tanks
 - Elevator pits
 - Sewage systems
 - Well foundations
 - Mines
- Substrate preparation:** Ensure the concrete surface to be repair is structurally sound. Loose or unsound concrete should be hammered out. Surfaces must be entirely free of oil, grease, paint, corrosion deposits, dust, laitance or other surface contaminants. To seal leaks, crack openings must be chased out to approximately 20mm square. Always undercut the chase and avoid leaving a V-section. Remove all loose material and debris. Dampen the surface with clean water but make sure there are no standing puddles.
- Material preparation:** **EuroCrete PLUG** should be added to water in mix proportions of 1-part water to 3 parts **EuroCrete PLUG** by volume. Mix the quantity to a stiff consistency in a plastic bucket, using a gloved hand or trowel. Due to the rapid set, only use the quantity which can be placed within the prescribed time.
- Coating procedure:** Trowel or hand knead the mixed mortar in place, ensuring maximum contact before the material sets. If plugging a running water leak, the mixed **EuroCrete PLUG** should be held in place until it reaches initial set.
- Setting time:** 30 - 60 secs depending on temperature of mixed mortar.

APPLICATION

- Yield:** The approximate yield of **EuroCrete PLUG** per 1 kilo is 0.6 litre.
- Application of temperature:** Minimum application temperature +8°C
Maximum application temperature +45°C
- Cleaning of tools:** **EuroCrete PLUG** mortar can be removed from tools with water prior to initial set.
Hardened material can be removed mechanically.

DELIVERY

- Color:** Grey
- Packing:** **EuroCrete PLUG** is available in 5kg tin.

STORAGE

- Storage life/conditions:** The shelf life of **EuroCrete PLUG** is approximately 6 months if stored in cool dry conditions. Beyond this the setting time will be extended.

SPECIAL NOTES

- Safety Precautions:** **EuroCrete PLUG** is non-flammable. It contains cement powders which if damp or mixed with water, will release alkali which can be harmful to the skin or eyes. Therefore, the use of protective gloves and goggles is recommended. However, should accidental eye contact occur, rinse thoroughly with plenty of clean running water and seek medical treatment immediately.