

SOPRA Plug

Rapid Setting Mortar For Plugging Leaks

Description

SOPRA Plug is a powdered material that is mixed with water to produce extremely rapid setting mortar. It is inserted into prepared cracks to stop leaks under pressure.

Uses

- * To stop leaks under pressure.
- * Repairing cracks in concrete or mortar.
- * Sealing around pipes and conducts.

Advantages

- * Rapid set.
- * Non-shrink.
- * High early strength.
- * Chloride free; no risk to steel reinforcement.
- * Initial setting time - 2 minutes.

Packaging

5 kg can
20 kg pail.

Storage

12 months storage life when stored in original containers at between 5°C and 35°C.

Application Instructions

Plugging Leaks

Preparation

Cut out area to be plugged to a minimum depth and width of 2 cm.

Mixing

Mix only enough material that can be used within two minutes. Add SOPRA Plug powder into water in clean mixing equipment. The amount of water can be adjusted to obtain the desired putty consistency. An initial water / powder ratio of 0.25 is recommended.

Installation

Immediately after mixing, pick up SOPRA Plug and work it in with the hands until it begins to stiffen (due to the exotherm reaction, some heat will be generated). Force the plug into the prepared surface and press firmly with hand or trowel against water pressure. Press in place until the plug has set. Cut off excess flush with the surface. Start plugging from top for vertical cracks.

Construction Joints

Preparation

All strips should be removed and washed with clean water. Concrete surfaces that are coated or have any foreign material shall be abraded to a rough surface. Clean thoroughly.

Installation

Dampen joints with clean water and apply SOPRA Plug to surface. Level off surface.

Note

The setting time of SOPRA Plug will vary with temperature. To hasten the set in temperatures below 5°C, use warm water. The dry powder may also be heated up to 20°C. At temperatures above 35°, iced water should be used to prevent extremely rapid set.