PENTENS T-802 Waterplug

Product Data Sheet

Instant Setting Mortar for Plugging Leaks

Description

PENTENS T-802 Waterplug is a blend of hydraulic cements, well-graded sands and chemical additives supplied in dry powder form to seal concrete, and masonry as a rapid setting remedy to plug active water instantly.
PENTENS T-802 Waterplug is suitable for domestic, construction, mining and agricultural applications as a rapid repair.

Uses

PENTENS T-802 Waterplug is used to any structure that requires a quick remedy to leaking water through joints, cracks and holes in concrete or masonry, where a normal mortar would be washed away and resin mortars would not bond.
It may be used:

- As a seal for construction joints or floor joints prior to basement tanking with PENTENS Waterproofing System
- For instant sewer connections
- For sealing cracks and construction joints in reservoirs and other water-retaining structures
- For rapid anchoring of bolts, conduits, pipes, railings, sanitary equipment, etc.
- Joint filling, pointing between concrete segments in concrete and brick tunnels, sewage systems, pipes and mines

Advantages

- Chloride-free - does not promote corrosion of the reinforcement
- Ultra-rapid set - instant plugging of leaks
- Easy and safe to use - requires the addition of clean water only
- Expands as it sets - ensures a permanent watertight seal
- Good adhesion
- Excellent water-stopping power and hydraulic resistance
- Similar characteristics and compatible with concrete - durability to equal that of the structure
- Non-toxic after hardening

Technical & Physical Data

Form	Premixed Powder
Color	Cement Grey
Density (paste)	~ 2.0 kg per liter
Mixing Ratio (by weight)	T-802 : Water 1 : 0.3
Working time (at 25^0C)	30 seconds
Hardening time (at 25^0C)	90 – 120 seconds
Compressive (7 days)	5000psi
Shelf life	6 months when unopened in original packaging and stored in a dry cool place.
Packaging	5kg, 10kg, 20kg pails

Disclaimer. All representations and recommendations set forth are given in good faith and to the best of our knowledge. Howev er due to varying conditions and applications, the buyer shall conduct its own tests of this product before use. Under no circumstances will the manufacturer be liable for any loss or damages caused by incorrect usages. The sale of this product shall be on terms and con ditions set forth on Pentens order acknowledgement.

Instruction for Use

Surface Preparation

Cracks or holes should be cut out to a minimum width and depth of 20 mm; the sides should be cut as square as practicable. Undercut if possible. Avoid leaving a V-section. Do not feather-edge. Flush out the hole or crack with water at high pressure to remove all loose particles and dust.

Mixing

PENTENS T-802 Waterplug powder should be mixed with clean water by hand only.
Dampen all surfaces with clean water immediately prior to the application of T-802 Waterplug.

Application

Mix, in a rubber bowl, only sufficient material (0.5 kg) that can be placed by hand in one application. Mix quickly and well to a putty-like consistency. Do not overmix.
Form a plug of the mixed material in the rubber gloved hand until slight setting occurs. Immediately press T-802 Waterplug mortar firmly into the opening; exert full pressure, without moving the hand until it sets. Hold in place for approximately 60 seconds.
If the opening is too big to be closed with 0.5 kg of T-802 Waterplug, work progressively from the sides to the middle, following the above procedure. After stopping the active water, trim off the excess material so that it is uniformly level with the surrounding wall surfaces.

Curing

Final setting time, minutes 2 – 3.
Once the placed T-802 Waterplug mortar has stiffened sufficiently, dampen with clean water and maintain in a damp condition for a minimum of 15 minutes.

Cleaning

Remove unhardened PENTENS T-802 products from tools and equipment with water. Hardened material can only be removed mechanically.

Safety

PENTENS T-802 Waterplug contains cement and is alkaline. Suitable precautions should be taken to minimize direct contact with skin. Applicators are recommended to wear rubber gloves and goggles when using the material. If the material gets into the eyes, flush immediately with clean water and seek medical attention if irritation persists.

Distributed by:
Lexton
COMMERCIAL MARKETING CORP.
www.lexton.com.ph

No. 280 9th Street corner 8th Avenue, Grace Park,
Caloocan City, Philippines
Tel. Nos.: (632) 364-5215 • 366-6853
Fax. No.: (02) 364-5215 loc 2106
Email: sales@lexton.com.ph