

PIOREP PLUG

Rapid-setting mortar for leak plugging in running water

DESCRIPTION

PIOREP PLUG is an ultra-fast setting, hydraulic mortar, which offers immediate and long-term protection against water leakage. It hardens within seconds and increases slightly in volume while setting.

USAGES

- Temporary patching and stop flowing and leakage of water from concrete and masonry segments
- Emergency water stopping of service entry points in sewage manholes or broken cementitious pipes at low pressure
- For grouting railings of wood, concrete and metal
- Used for water tanks, reservoirs, gutters, toilets, swimming pools, underground structures

ADVANTAGES

- Chloride free formulation
- Rapid setting enabling emergency water stopping
- Allows over-lining with epoxy mortar to have a permanent solution
- Usable on horizontal and vertical and overhead solutions
- Excellent bond to concrete and masonry
- For indoor and outdoor applications
- Single component – easy to apply

TECHNICAL DATA

PIOREP PLASTER

Typical values

Appearance	Grey Powder
Specific Gravity (wet)	1.2 – 1.3 g/cm ³
Compressive Strength (ASTM C109)	30 N/mm ²
Flexural Strength (ASTM C78)	7.5 N/mm ²
Setting Time	1 – 2 min
Thickness Range	2 cm
Grain Size	≤ 0.5 mm

USAGE INSTRUCTIONS

1. Surface preparation

For preventive care and sealing, soak the substrate with clean water prior to application if possible.

2. Mixing

PIOREP PLUG mixing instruction shall be carefully followed to ensure the correct characteristics of the product function, inappropriate steps taken can lower performance or even possible cause a failure of product.

Mix 3 parts of **PIOREP PLUG** with one part of portable water and continue mixing until a stiff consistency is achieved. Due to a short setting time. Mix small quantities of the product and use immediately.

3. Application

Apply the mixed material by hand or trowel, press firmly and hold in place until the initial set is achieved.

For leaking cracks, prepare a V-shape groove of at least 2 cm deep 2 cm wide then apply the mixed **PIOREP PLUG** as above instructed.

For waterproofing wall-floor joints, where leak appears, make a regular incision at least 2 cm wide and deep then apply product as above.

For high pressure leakage, make the hole as regular as possible. Begin filling the areas which are subject to the lowest flow and work in stages towards the high flow area.

For the final seal, make a ball of mortar and press firmly.

4. Curing

PIOREP PLUG once treated, area must be cooled and kept damp for 15 minutes.

PACKAGING

PIOREP PLUG is supplied in 15 kg cans.

HEALTH & SAFETY

PIOREP PLUG is non-toxic, non-hazardous, if material comes in contact with skin, cleaning with water and soap is recommended.

For Ecology: Do not dispose directly to water or soil, re-use it if possible or mix with water and wait until it hardens then bury it in landfill in accordance with national regulation.

STORAGE & SHELF LIFE

PIOREP PLUG shall be stored in normal conditions away from extreme temperatures, and any source of moisture. Shelf – life is 12-months.

TECHNICAL SERVICE

The technical service department of Arkaz is available to assist in the correct and best use of our products, these resources and advice are at your disposal entirely without obligation.

Please contact:
concretedoctor@arkaz.com

LEGAL DISCLAIMER

The information given is based on data and knowledge considered to be true and accurate and is offered for the user's consideration, investigation and verification. Since the conditions of use are beyond our control, we do not warrant the results to be obtained. Please read all statements, recommendations or suggestions in conjunction with our conditions of sale including those limiting warranties and remedies which apply to all goods supplied by us. No statement, recommendation or suggestion is intended for any use which would violate or infringe statutory obligations or any rights belonging to a third party.

These products may be covered by patents or patents pending.



Copyright 2021
Printed in K.S.A. Version 2.0
13-March-2020