

JAZE MAXPLUG

High performance, Rapid Setting Plugging Mortar

Product Description

JAZE MAX PLUG is single - component, High performance, rapid setting plugging mortar that requires only the addition of water. It will provide a rapid hardening mortar of seconds to plug & seal leakage even in running water. It is formulated to stop water flow as a part of repairing system. It contains special types of hydraulic binders, selected filler and other modifiers to improve properties.

Uses

JAZE MAX PLUG is formulated to be used as rapid setting mortar that able to plug & seal water leaks even in running water. It will harden in seconds and can be considered a part of the repairing system in:

- Waste water and sewage structures.
- Water-retaining structures.
- Basement & foundations.
- Tunnels.
- Underground structures.
- Pipes
- Joint filling.
- Pointing & patching prior of application of waterproofing & repair materials
- Joint edges, pavement and walk ways.
- Construction joint edges.

Advantages

- Easy to mix with water and to apply.
- Rapid setting: 60 – 90 seconds
- Non-shrink.
- Provides high strength and wear resistance patch.
- Excellent resistance to water – soluble salts and atmospheric gases.
- Compatible with thermal coefficient expansion of concrete.
- High mechanical properties.
- Extremely low permeability ensuring durability.
- Non-toxic and does not contain any harmful ingredients.
- Can be applied upon horizontal, vertical & overhead surfaces.
- Chloride and nitrate free.
- Excellent adhesion to concrete and masonry substrates.
- Formulated for the Middle East Climates.

Standards

JAZE MAX PLUG is formulated to comply with all requirements of BS 18881 Part 4

Technical Properties

Appearance	Grey free flowing powder
Yield	13.5 - 14 liters / 25 –Kg pack
Specific Gravity @20 °C (wet)	1.95 - 2
Setting Times @ 20 °C	40 – 60 seconds



Compressive Strength (N / mm²)

After 1-hour	10
After 28-days	50

Coefficient of Thermal Expansion 11 x 10⁻⁶ per °C.

Guide for Applications

Surface Preparation

All substrates shall be sound, clean free from dust, grease & oil, dirt or any bond - inhibiting materials. The concrete substrates shall be saturated with water prior to the application, but no standing water shall be on the substrate.

Mixing

JAZE MAX PLUG shall be mixed with water in a ratio: 4:1

Mix the used quantity using gloves within the open time and apply within seconds.

Application

Apply the mixed materials before setting by hand ensuring maximum contact before the material sets.

The materials should be held in place till it hardens.

Cleaning

All equipment & tools shall be cleaned with water after work immediately.

Packaging

JAZE MAX PLUG is supplied in well sealed 5 or 25-Kg pack sizes.

Storage & Shelf-life

JAZE MAX PLUG shall be stored in normal conditions away from any extreme temperatures, or any source of moisture. 12-monthes if stored properly in well-closed containers.

Health & Safety

- JAZE MAX PLUG is non-toxic, non-hazardous during handling, storage and use, but dust mask and gloves are recommended.
- For Ecology: Do not dispose directly to water or soil, re-use it if possible or mix with water and wait till hardening and then burry it in landfill.
- Splashes on skin will be washed with water and soap.

JCC CONSTRUCTION CHEMICALS

The information herein is general information to assist our customers in determining whether our products are suitable for their specific applications. Our products are intended for sale to commercial and industrial customers. We require that customers should inspect and test our products before use to satisfy themselves as to the content and suitability for the application they intend to use our products for.

JCC endeavors to ensure that any advice, recommendation, specification of information in accurate and correct manner.