

Technical Data Sheet
JAZEERA WATER PLUG
JK-13010

Description:

Ultra-fast setting cementitious water plug for stopping water leaks. It is composed of well graded aggregates and blend of high-strength cements and special additives to enhance adhesion and water stoppage.

Recommended Use:

For instant stoppage of water leaks in:

- Basements, subways and below grade structures in general.
- Water tanks.
- Indoor and Outdoor use.
- Re-installment of layers of mortar in damp brickwork structures before waterproofing.
- Sealing of cracks, holes and joints between walls and floor slabs.
- Instant repair of concrete pipes .

Characteristics:

- contains no chlorides.
- Excellent bonding strength
- water-repellent.
- When mixed with water, it forms a paste with thixotropic properties make it easy to apply on vertical surfaces.
- Very fast setting time (Approx. 1-2 minute at $23 \pm 2^{\circ}\text{C}$) and strength development.
- Crack Resistant.
- High compressive and flexural strength.

Physical Constants:

• (Material Tested according to EN 1504)	
• Color:	Grey .
• Coverage :	1.5 - 1.7 kg/1000cm ³ . (Coverage is varying according to surface condition and finishing type).
• Dry Density:	About 1.50 Kg/Liter.
• Pot life:	1 - 2 minute.
• Water Addition:	19% (1.9 liters / 10 kg bag or 0.95 liters / 5 kg bag)
• Compressive Strength :	> 37 N/mm ² (EN 12190)
• Flexural Strength :	≥ 8 N/mm ² (EN 12190)
• Initial setting time:	1- 1.5 minute
• Final setting time:	2.5 minutes

Surface Preparation:

- Prior to application of “Jazeera Water plug” and to ensure excellent adhesion, the substrate should be treated as follow:
- In case of sealing water leaks enlarge the cracks or holes so that the wider part is towards the inside and remove any loose material from cavities.
- The minimum external sizes must be about 2 cm in width and 2 cm in depth.
- In case of Sealing joints remove any loose material and clean all dust prior to application then pre-wet the substrate with water before sealing and without excess water left on the surface.

Mixing

- While mixing, pour 1 kg of “Jazeera Water plug” into a container after addition of 190 g of water and mix manually with trowel to obtain a homogenous mix with no lumps.
- “Jazeera Water plug” is a fast setting product, prepare only enough quantity to be used within one minute.

Technical Data Sheet
JAZEERA WATER PLUG
JK-13010

Application Guide:

- After mixing immediately mold “Jazeera Water plug” manually, then force the mix into crack or hole. Keep under pressure for 1-2 minutes until material sets.
- After that, remove any excess material with a sandpaper disk or other means. For sealing joints apply the “Jazeera Water plug” mix into cavity with trowel immediately after preparation.

Application Tools :

- Trowel or Manual (hand application)

Recommended System:

- Apply Jazeera Water Plug.
- Apply the required water proofing or other range of products

Cleaning Tools:

- Clean tools immediately with tap water after finishing application.
- Hardened materials can only be cleaned mechanically

Packing:

- 5 KG or 10 KG bag.

Shelf Life:

- 12 months from manufacturing date when stored in dry and shaded closed area .

Safety Precautions:

- Wear protecting cloths, gloves, glasses and face protection.
- For eye contact, rinse with plenty of clean water and then seek medical advice.
- Keep away from the reach of children.
- For more details, ask for our safety data sheet of the product.

Disclaimer:

To the best of our knowledge the technical data listed herein is true and accurate up to publication date and is subject to change without prior notice. User must contact Jazeera Paints Company to verify of any modifications before specifying or ordering the product. Thus, information given in this sheet is not intended to be exhaustive and any person using the product other than the recommendations in this sheet or without reverting to our Jazeera TSD, he should take his accountability in this connection.

As we are not capable to control the quality and the substrate's conditions as well as the factors that affect on using, or applying the product, so we never give any written or implied guarantee in these documents, but we guarantee our products to conform to Jazeera quality while we assume no responsibility for coverage, performance or injuries resulting from application. Liability "if any" is limited to replace the products mentioned above.