

Rhino[™] Plug Instant Water Stop Plug

Description

Rhino Plug is a non-shrinking grout formulated to immediately stop flowing water through concrete cracks and holes in seconds. Using an advanced formulation based on its unique waterproofing crystalline system the product hardens more than the concrete into which it has been placed to ensure your repairs stay where they are placed.

Features / Advantages

- As a seal stopping seepage around pipes and metal in concrete and masonry. As an anchor for bolts and other metals.
- It is ready to use product and requires only the addition of water at site before plugging and sealing cracks.
- It sets very rapidly thereby, stops leakages.
- It stops running water, reducing damage.
- It is cementitious product and hence it is economical.
- It can be used where quick setting under water is required.
- It is non-shrink as it expands on setting.
- It bonds to the substrate very well.

Typical Application

- Used for leak-plugging in running water.
- Used in all places where quick setting is required.
- Used for all plugging work, quick repairs of concrete, screed, plaster and brick work.
- Used for basement and manhole repairs.
- Used for concrete pipes repairs.

Technical Information

Properties	Specification
Form	Powder
Color	Dark Greyish Brown
pH Concentrate	11 to 13
Dry Density	1.25 ± 0.1
Compressive Strength	50 MPa @ 7 days
Initial Setting Time	1-2 min

Methods of Application

Surface preparation

All substrates should be structurally sound, stable, clean, and free of any substance or condition that may reduce or prevent proper adhesion.

Mixing

Add 1 part of cold, clean water for 4 Part of Rhino Plug powder. Take water in the container and slowly add the powder in to the water while mixing by hand or slow speed mixing machine and mix until a uniform, lump-free, smooth, thick consistency is achieved.

Curing

Curing with water has to be done as per standard curing procedures. Curing process should be started early to prevent rapid water loss and consequent loss of strength.

Guideline for Placing / Application

Plugging of running water leakage

Rhino Plug with water to a pourable consistency. Place and hold simultaneously until it reaches initial set. In extreme situations take dry powder of Rhino Plug in a gloves hand and hold firmly on the substrate against running water to arrest the leakage.

Filling of cracks/ Patching

The area should be widened out and clean cracks to at least 15mm in width and depth. Place **Rhino Plug** of filling consistency in to the prepared crack firmly using a pointing trowel and do the finishing quickly with the same trowel.

To seal leaks

To seal leaks, crack openings are to be cut to approximately 20mm square. It is recommended to undercut the chase and avoid leaving a V section. **Rhino Plug** with pourable consistency has to be used and finishing with trowel to be done immediately.

Rhino[™] Plug Instant Water Stop Plug

Precautions & Limitations

Material should be handled with gloves. When it falls on the skin, use plenty of water & soap to wash the skin. When it is splashed on to the eyes, wash eyes with plenty of water and take medical advice. Do not ingest. Keep away from children and pets. Do not empty into drains. Wear rubber gloves. Avoid contact with eyes. Allow any unused product to dry before disposing of the container. In the event of skin or eye contamination, rinse thoroughly with cold water. Seek medical assistance if irritation or discomfort persists.



Packing

1kg, 5kg & 20kg



Storage and Shelf life

Shelf life is 6 months from the date of manufacturing in unopened bags. Store in dry moisture free area.

Ecology, Health and Safety

Health & Safety instructions, all chemicals should not come in contact with skin and eyes or be swallowed. Protective gloves and goggles should be worn.

If contact with skin occurs, wash well with soap and water.

Eye contamination should be washed thoroughly with clean water and medical advice sought. If swallowed seek medical attention immediately. Do not induce vomiting.

Disclaimer

The technical data contained herein is based on our present knowledge and experience and we cannot be held liable for any errors, inaccuracies, omissions or editorial failings that result from technological changes or research between the date of issue of this document and the date the product is acquired. Before using the product, the user should carry out any necessary tests in order to ensure that the product is suitable for the intended application. Moreover, all users should contact the seller or the manufacturer of the product for additional technical information concerning its use if they think that the information in their possession needs to be clarified in any way, whether for normal use or a specific application of our product.

Our guarantee applies within the context of the statutory regulations and provisions in force, current professional standards and in accordance with the stipulations set out in our general sales conditions.

The information detailed in the present technical data sheet is given by way of indication and is not exhaustive. The same applies to any information provided verbally by telephone to any prospective or existing customer.



Nikhil Adhesives Limited

902, 9th Floor, A Wing, Kaledonia HDIL Building,
Sahar Road, Opp. D-Mart,
Andheri (East), Mumbai – 400069



8655691400



support.mahafix@nikhiladhesives.com



www.nikhiladhesives.com

