

Rhino[®] Crackseal-Paste

Acrylic White Crack Filling Paste

Description

Rhino Crackseal-Paste, is made from high-quality, weather-durable acrylic emulsion polymer, carefully selected graded fillers, light-fast pigments, and additives. It prevents air and moisture from passing through cracks and joints, offers excellent flexibility to resist expansion and contraction without cracking. It offers excellent bonding, ease of application, water resistance, aesthetic appeal, and durability. It is a single-pack, ready-to-use flexible paste designed for filling cracks in plastered surfaces.

Features / Advantages

- Due to elastic polymers and micro fibers which gives long lasting permanent crack sealing.
- It can be applied in crack gap up to 15 mm.
- Easy for application.
- Flexible, therefore does not crack & accommodates minor movements in cracks.
- Painting or over coatable by any type of polymer based paints, after 6 hours.
- Excellent adhesion with cementitious surface.
- Nontoxic- user-friendly non Hazardous.

Areas of applications

- Internal & external plastered brick masonry wall cracks of up to 12 mm width.
- Window and door, Frames corner
- Joints baseboard, Moulding
- Vents, Sliding and trim

Technical Information

Sr.No.	Properties	Specification
1	Color	White
2	Consistency	Smooth and Creamy
3	Solid Content (%)	> 82
4	Shore A Hardness	> 60
5	Volatile	Water
6	Tooling time	10 minutes
7	Track free time	30 minutes
8	Temperature service range	20°C to 80°C
9	Temperature application range	30°C to 40°C
10	Freeze thaw stability	Passes 5 cycles
11	Elongation (%)	> 100
12	Tensile Strength Kg/cm ²	> 10
13	Shrinkage (%)	16 to 18
14	Max Gap filling capacity	up to 15 mm

Surface Preparation

- Ensure that the surface is free from dust, oil, grease, and loose particles. Before applying Rhino Crackseal-Paste, moisten the surface.
- Widen all fine hairline cracks with a width greater than 0.50mm to a minimum of 3-5 mm using a scraper or cutter, creating a 'V' groove and fill with Rhino Crackseal-Paste.
- When applying Rhino Crackseal-Paste on internal surfaces, make sure to remove any existing POP (Plaster of Paris) or painter's putty until the plaster surface is exposed.

Application

- Generally primer not required for sound surface, if surface is porous then apply the primer coat which is prepared with Rhino Crackseal-Paste and water in 1:1 proportion.
- Fill cracks with Rhino Crackseal-Paste when the surface is tacky and not dried completely.
- Press Rhino Crackseal-Paste firmly into the crack using a spatula or putty knife, and ensure it is level with the surface.
- Take care to prevent the formation of cavities or bubbles during the application. Allow the pest to dry for minimum 4 to 5 hours.
- Or Trim the nozzle to the desired size.
- Load the cartridge into caulking gun.
- Hold the cartridge at a 45° angle and fill the seam with ample amount of material.

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Coverage

The amount of Rhino Crackseal-Paste required to seal the crack can be very easily estimated by using the following formula:-

$$L = 617 / (W \times D)$$

Where,

L = Length of the joint in linear running meter

W = Width of the joint in mm.

D = Depth of the joint in mm.

Precautions & Limitations

- Do not apply when the ambient temperature is below 10°C or above 45°C.
- Do not apply during rains. Application done on SSD condition
- Adhesion property may get affected over poor quality putty and very smooth surfaces.
- When applying on a concrete surface make sure the concrete is completely cured.
- Consume mixed material within 45 minutes.



Packing

1 kg



Storage and Shelf life

Shelf life is 18 months in unopened container. Store at cool & dry place, away from sunlight.



Cleaning of Tools & Equipments

Clean tools & equipment and hands with soap and warm water, immediately after use.

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

