

RhinoLite® RhinoFill™

Exterior Crack Filler

Product Data Sheet

Advantages



Environmentally friendly



Durability



Neat finish



RhinoLite® RhinoFill™ Exterior Crack Filler, is suitable for exterior applications, mixes easily with water, has excellent adhesion and can be applied in layers of up to 5 mm maximum thickness. It can be sanded to a smooth finish.



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About this product

RhinoLite® RhinoFill™ Exterior Crack Filler, is suitable for minor crack, chip and hole repairs for exterior applications. It mixes easily with water, has low shrinkage and good adhesion properties.

Storage, shelf-life and disposal

- ▶ Product should be stored under cool, clean and dry conditions and bags should be stacked in a safe and stable manner. Prolonged storage at extreme temperature, below 5°C and above 40°C, should be avoided.
- ▶ When the un-opened product is stored in the prescribed manner, the expected shelf-life is 6 months.
- ▶ Product and waste water containing product, should not be discharged directly into drains and waterways.

Packaging

RhinoLite® RhinoFill™ Exterior Crack Filler is supplied in 2 kg packs and 10 kg bags.

Features and benefits

Suitable for use in filling cracks, chips and holes formed in various surfaces like, sand/cement plaster work, screeds, brickwork as well as concrete walls.

- ▶ Suitable for exterior use.
- ▶ Easily mixes to a lump free paste.
- ▶ Low slump and drying shrinkage when mixed to the correct consistency.
- ▶ Can be applied in multi-layers until required filling thickness is achieved.

- ▶ Good strength, durability and adhesion.
- ▶ Can be sanded to a smooth surface finish.

Safety instructions

- ▶ This is a cement based material which is alkaline and might cause skin irritation if in contact for extended periods. In the event of eye contact, wash immediately with plenty of clean water.
- ▶ Use eye protection and gloves, and avoid prolonged skin contact. Wash skin contamination away with warm soapy water.
- ▶ Avoid inhalation of dust.
- ▶ Do not ingest.

Suitable surfaces

- ▶ Can be applied to sand/cement plaster work, screeds, brickwork as well as concrete walls and ceilings. Please first test other surfaces for suitability.

Surface preparation

- ▶ Use a stiff bristle scrubbing brush to remove any efflorescence (Crystalline deposit of salts that can form when water is present).
- ▶ Use the appropriate tools to scratch open cracks in a V-shape, to allow for the filler to be easily pressed into the crack for proper filling.
- ▶ Remove any dust, dirt, loose particles and foreign matter from the crack and surrounding area before filling.
- ▶ For extremely powdery surfaces, first apply Grippon before filler application.

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Mixing

- ▶ Make sure that all mixing tools and containers are clean and free of any contamination such as previously set material, as this may influence the setting time as well as reduce the strength of the product.
- ▶ Add powder material to clean water and stir to reach the desired consistency. The recommended mixing ratio is 3-parts of powder material to 1-part water.
- ▶ Mix to a smooth paste and leave to stand for 2 minutes to allow all ingredients in the formulation to fully wet through.
- ▶ Re-mix to obtain a lump free, creamy paste or thick putty.

If RhinoLite® RhinoFill™ Exterior Crack Filler is used in permanently wet areas or if increased flexibility is required, the water in the mix should be replaced with a latex based bonding agent (diluted 1-part bonding agent to 2-parts water). Mix as above. Note that the crackfiller might take longer to dry. Do not add too much water or attempt to extend the working time by adding more water, as this will cause the set crack filler to be weak with a tendency to crumble.

Application

- ▶ Fill cracks, holes and indentations using a flat edge flexible scraper, putty knife or trowel.
- ▶ If excessive absorption is experienced from the cracked substrate, use a clean brush and water to slightly dampen the cracks, holes and indentations before filling.
- ▶ Apply the filler to a thickness not exceeding 5 mm per layer applied.
- ▶ Even out the filler to level with surrounding surface. Slightly over filling will allow for sanding of the dried filler to the required surface level.
- ▶ For deeper cracks, holes or indentations, apply the filler in 5 mm layers, until the desired level of filling is achieved. Allow for complete setting and partial drying between

each layer application. Usually 5 hours between layer applications should be sufficient.

- ▶ Product "pot life" is around 30 - 45 minutes. Once the filler material starts to stiffen in the mixing container, it must be discarded, it should not be remixed with more water.
- ▶ Allow the applied filler to completely dry before sanding. Setting and drying times are weather and substrate dependent, but in most cases the filler will be completely dry after 24 hours.
- ▶ Once sanded, wipe the area with a clean cloth or brush to remove any dust.
- ▶ Apply a plaster primer before painting.

Guarantee

RhinoLite® RhinoFill™ Exterior Crack Filler meets the product specifications and will be free from any defect. Any guarantee with regard to the performance of the products will be subject to the professional and practical application in accordance with our instruction and specifications on the packaging.

However, we have no influence over specific site conditions and therefore, if in doubt, the user should first carry out sufficient tests to ensure that the product is suitable. In special cases, obtain professional advice. Should our product prove defective, we undertake to replace any defective material. This guarantee will fall away in the event of product being contaminated by the addition of sand, cement or substances other than recommended by us.

Technical services

The product should be used as directed – consult specification data sheet for further details. The RhinoFill™ Exterior Data Sheet should be made available to all personnel using/handling the product. Contaminated clothing should be removed and washed before re-use.

Notice to User: This product data sheet should not constitute the users' own workplace risk assessment.

Obtain information about products via Internet:
www.gyproc.co.za/products/plasters



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