

**CRACKREPAIR 1000**
*Updated Dec'24*


**CrackREPAIR 1000** is ready-to-use crack filler specially formulated to repair and restore cracks, tiny holes, imperfections or seams on the plastering, cement render, concrete, painted surface and gypsum. Its exceptional formula gives a smooth, excellent finishing and can be used for both exterior and interior surfaces.

**Product Features**

- Good workability
- Good sanding property
- Good Alkaline & Weather resistant
- Good Sagging resistant
- Ideal for repair of medium cracks (**0.3mm – 2mm**) and drywall joints
- Good compatibility and adhesion with wide range of Nippon paint products
- For interior and exterior wall surface

Paint Type	Product Type	Finishing	Recommended Substrate	Pack Size
Water-based	Interior / Exterior	Smooth / Sandy Finishing	Masonry, brick, plastering substrate and fibreboard	1.5kg, 5 kg

**Composition**

Pigment	: Mainly Mineral Extender
Binder	: Styrene Acrylic
Thinner	: Water

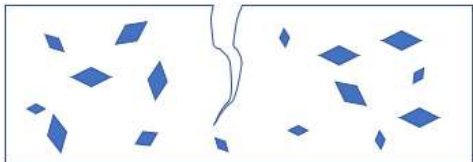
**Technical Data**

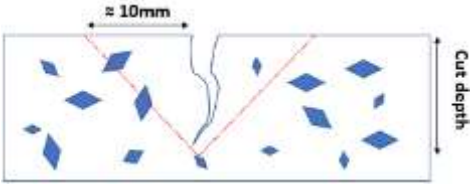
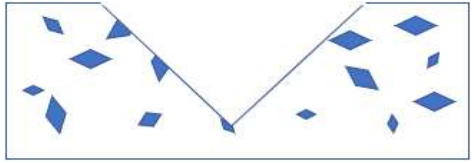
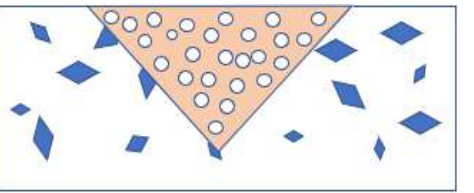
Drying Time	: Touch Dry : 40 minutes (Dependent on temperature and humidity) : Hard Dry : N/A
Recoating Time	: Minimum 24 hours (Dependent on temperature and humidity)** <b>** The optimal re-coat or overcoat interval is minimum 24 hours, it is advisable to use protimeter for precise guidance.</b>
Dry Film Thickness	: N/A
No. of Coats	: 2 - 3 coats
Theoretical Coverage	: N/A
Shelf Life	: Up to 18 months in tightly sealed container

**Application Method**

Trowel / Skimming blade	: <b>CrackREPAIR 1000</b> is ready for use after thorough stirring. The application can be by trowel or skimming blade. No dilution is required.
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**CrackREPAIR 1000 (Smooth Finish)**

1		<b>Original Crack</b> Cracks that commonly found occurs on plaster, render and concrete surfaces.
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2		<ul style="list-style-type: none"> <li>Routing the crack area by Groove cut and extend the crack area to a “V” shape to at least 10mm on each side, and to a depth of 10 – 25mm (depending on the depth of the crack)</li> </ul>
3		<ul style="list-style-type: none"> <li>Clean off any dirt, dust or debris on the routing with the appropriate brush.</li> <li>This is to ensure that <b>CrackREPAIR 1000</b> is able to bond and grip with the cut routing well.</li> </ul>
4		<ul style="list-style-type: none"> <li>Fill in the routing with a thick coat of <b>CrackREPAIR 1000</b> and allow to dry.</li> <li>Apply 2<sup>nd</sup> or 3<sup>rd</sup> coats of <b>CrackREPAIR 1000</b>, if necessary, and allow to dry thoroughly.</li> <li>Lightly sand the unevenness with 180 – 220 grit sandpaper and clean off any sand dust before subsequent painting.</li> </ul>

#### **CrackREPAIR 1000 (Sand Finishing)**

- For render sandy finishing option, the addition of Nippon Paint NON-SKID SAND 36 (MEDIUM) is required to achieve the desired finishing.
- Add in the appropriate amount of sand (10 – 20% by weight) into **CrackREPAIR 1000** and mix until homogeneous.
- Follow STEP 2 – 3 from the diagram above
- Fill in a thick coat of the mixture into the “V” groove cut as describe in STEP 2.
- Before **CrackREPAIR 1000** has fully cured, render with semi wet sponge to get the similar cement render sandy finish.
- Allow to cure until the moisture content below 16% before subsequent painting.

#### **Recommended Coating System**

Crack Reparation	: <b>CrackREPAIR 1000</b>	: 2-3 Coats
Sealer / Primer	: Nippon Paint Interior / Exterior Sealer	: 1 Coat
Top Coat	: Nippon Paint Interior / Exterior Products	: 2 Coats

#### **Surface Preparation**

Remove all loose, defective paint or powdery residues, loose chalk, dust and foreign matter. Repair cracks, and uneven surfaces with **CrackREPAIR 1000**. Smoothen the areas with sandpaper. Surfaces to be painted must be cleaned thoroughly and dry, it must be free from dirt, grease and other foreign matters. Allow all surfaces to dry completely prior to painting. Avoid painting when the moisture content and alkalinity of the walls are still high. (Recommended painting specification requires the moisture content of the walls to be below 16% measured by protimeter and the alkalinity of the walls to be below pH9.)

#### **Cleaning**

Clean up equipment with water immediately after use.

#### **Safety Precautions**

- Keep the container tightly closed and keep it out of reach of children or away from food and drink.
- Ensure good Ventilation during application and drying.
- When applying paint, it is advisable to wear eye protection.
- In case of contact with the eye, rinse with plenty of water immediately and seek medical advice.
- Remove splashes from the skin by using soap or water.
- Must always be stored in a cool place.
- When transporting paint, care must be taken. Always keep the container in a secure upright position.
- Dispose any paint waste in accordance with the appropriate Environment Quality Regulations.

**Note**

The above information is given to the best of our knowledge based on laboratory tests and practical experience. However, since we cannot anticipate or control the many conditions under which our products may be used, we can only guarantee the quality of the product itself.  
We reserve the right to alter the given without prior notice.