

Surface treatment after a damage repair Procedure

Method

1 Before treatment

How the surface looks before treatment.



2 Grinding the uneven surface

Use a diamond cup wheel or a level grinding wheel to make the repairing surface down to the same level as the surroundings.

*Make sure there are no bumps.



3 Repair material treatment

Apply Repair Resin and cover the whole repairing area. Make sure to fill in any small gaps and dents.

*Overfill a little bit for the best result.



4 Repair material scraping

When Repair Resin is semi-dry, scrape off any excess materials with a trowel or a scraper.

*In the photo, #80 grindstone is attached to a grinder.



5 Applying primer

When the surface is thoroughly dry, apply the cement primer.

*Apply just enough amount so it won't drip.



6 Lining material treatment

Apply a very thin layer of C Repair Lining, thin enough to see through the base. If the base is too dry and is hard to work on, apply the primer again.



7 Sandpaper process

When the material is thoroughly dry, use a scraper or sandpaper to scrub off any trowel marks and dregs, and make the surface flat.



8 Spraying

Spray a small amount of C Repair Color at a time. Spray until it matches its surroundings, and the border is invisible.



9 Adding patterns

Add patterns to match its surroundings. The procedure is completed when it looks natural.



What to prepare

- Trowel(1~2mm)
- Metal trowel
- Bowl
- Scraper
- Waterproof sandpaper #600
- Wire brush
- Small bucket
- Brush
- Wiping cloth
- Wagner FLEXIO
- Air compressor
- Air hose
- Air gun
- Pattern Pad
- Gas torch
- Electric blower
- Grinder
- Level Grinding Wheel #36/#80
- Diamond cup wheel

Materials to prepare

- Repair ResinC
- Repair Lining
- C Repair Color
- Tone Color
- Cement primer (Royal W21 diluted about 20 times with water, etc.)
- Water

Notes

- All Repair Resin products are pre-mixed and only use water for kneading. Please note that the curing time and color may differ if any adhesives are mixed.
- Once it's mixed with water, please use it all. **Re-watering or kneading once curing has started** may cause cracks and poor adhesion.
- Because it's cement-based, it is subject to weathering and moisture absorption. Please store with care and use as soon as possible. (The 5kg inner bag is heat-sealed to improve shelf life. Please use the rubber band attached for sealing any leftover products.)
- When repairing, remove the excess unevenness of the surface beforehand with a hammer, chisel, scraper, etc., and clean it. If the mold releasing agent remains on the surface, it'll peel off easily. Use a brush to scrub the surface and moisten it with water for the best results.
- Please be careful when handling a scraper or a metal trowel, as they may cut your hand.
- **Please read the instructions and notes** of C Repair Lining and C Repair Color.
- After adding the Mixing Liquid into C Repair Color, please use it all within 24 hours.
- Cover and protect the area where you don't wish to spray paint beforehand.
- If it adheres to any unwanted area, wipe it off with a wet wiping cloth.
- Please make sure to mix C Repair Color thoroughly before use. If it's not fully mixed, it may cause unevenness.
- Spray C Repair Color **little at a time in thin layers**. If you spray too thickly at once, it may drop, and the finished look will not look as good. Please repeat the process of "Spray → Dry → Spray" until the surface is fully covered.
- When adding patterns, tap lightly and inconsistently according to the surrounding patterns.



コンクリートの補修屋さん

Concrete Repair

WADA TRADING CO., LTD.

<https://con-rep.com> e-mail : info@con-rep.com

6-5-1, Akura-naka, Takarazuka-city, Hyogo, Japan