

Multiple pin holes treatment Procedure

Method

1 Before pin holes treatment

Apply the cement primer or water to the repaired area, and softly knead Repair Resin.



2 Filling the repair material

Apply Repair Resin to all pin holes with a metal trowel. Make sure to move the trowel from all directions, as the material won't reach the bottom of the pin holes with one stroke.



3 Flattening

Use a scraper to scrape off excess material to expose the concrete surface before Repair Resin completely dries. *If you are using a grinder, wait until the material dries.



4 Surfafe treatment

Use #600 sandpaper to rub off any excess material.



5 Finished look

When the surface matches the surrounding, it's finished. *Please proceed to 6 if the color needs to be adjusted. Apply C Repair Lining depending on the condition of the surface.



6 Spraying

Create the color to match the surroundings and spray on the surface. Spray a little at a time, and repeat.



7 Adding Patterns

Add patterns if necessary.



Tools to prepare

- Trowel(1~2mm)
- Metal trowel
- Bowl
- Scraper
- Waterproof sandpaper #600
- Wire brush
- Small bucket
- Brush
- Wiping cloth
- Gas torch
- Electric blower
- Grinder
- Level Grinding Wheel #36, #80

Depending on situations

- Wagner FLEXIO
- Air compressor
- Air hose
- Air gun
- Pattern pad

Materials to prepare

- Repair Resin
- Cement primer (Royal W21 diluted about 20 times with water, etc.)
- Water

Depending on situations

- C Repair Lining
- C Repair Color
- Tone color

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

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