



- Solvent-Free
- Low-TVOC

CHEMPATCH® ADDITIVE 2015

Supreme Additive
for *Chempatch 2101*

Product Description

Chempatch Additive 2015 is a latex additive used to increase the performance of *Chempatch 2101* rapid-set cement patch.

Features (when mixed with *Chempatch 2101*)

- Allows *Chempatch 2101* to be used as a skim coat.
- Extends *Chempatch 2101*'s pot life and improves its curing over excessively porous substrates.
- Increased performance over difficult-to-bond-to substrates.
- High polymer content for increased flexibility and adhesion.
- Creates an ideal substrate for any floor covering.

Uses (when mixed with *Chempatch 2101*)

- Skimcoating, leveling certain embossed noncushion vinyl products, flashing, smoothing, ramping, leveling and patching of imperfections in approved substrates.
- Spot or small-area repairs of less than 1,52 m (5 ft.), from 1 mm (1/32") to 6 mm (1/4") thick.
- Preparing excessively porous or absorbent substrates to receive adhesive.
- Leveling approved embossed sheet vinyl or encapsulating cutback adhesive residue.

Use for interior applications when substrate temperatures are between 10°C (50°F) and 32°C (90°F).

Substrate Requirements

All surfaces must be structurally sound, well-adhered, level and clean of all substances that can impair the adhesive's bond to the substrate. These include, but are not limited to, concrete sealers and curing agents, dirt, wax, tar, paint and loose toppings. If the surface contains these substances, they must be mechanically removed. The use of solvents and acid etching is not recommended.

TECHNICAL QUICK REFERENCE

Approximate Coverage*
(when mixed with *Chempatch 2101*)

Per	1 mm (1/32")	1,5 mm (1/16")
4,54 kg (10 lbs.)	3,72 to 5,20 m ² (40 to 56 ft ²)	1,86 to 2,60 m ² (20 to 28 ft ²)
10 kg (22 lbs.)	9,29 to 13,0 m ² (100 to 140 ft ²)	4,65 to 6,50 m ² (50 to 70 ft ²)

*Coverages are for estimating purposes only. Actual coverages may vary according to substrate texture.

Product Characteristics

(at 22°C [72°F] and 50% relative humidity)

Pot life	10 to 20 minutes
Final set	50 to 60 minutes
Drying time prior to floor covering	60 to 90 minutes

We proudly support the following industry organizations:



Approved Substrates Properly Prepared (see "Substrate Requirements for Floor Coverings" document for preparation details)

- Fully cured concrete (at least 28 days old) with no more than 1,36 kg per 92,9 m² (3 lbs. per 1,000 ft²) per 24 hours of moisture vapor emission (ASTM F1869), with a pH of 5 to 9.
- APA Type 1, exterior-grade, CC-plugged plywood (NIST PS 1-95)
- Ceramic and quarry tile, well-adhered full-spread noncushion felt-backed vinyl, vinyl composition tile (VCT) and cement terrazzo (two-coat method).
- Cutback and nonwater-soluble adhesive residues properly prepared (two-coat method).
- Any underlayment and substrate approved by the flooring manufacturer for the specific type of installation.

Note: Products such as oriented strand board (OSB) and lightweight concrete (gypsum) are typically not recommended by floor-covering manufacturers. Consult Technical Services (1-888-243-6263) for installation recommendations regarding substrates and conditions not listed.

Technical Information/Limitations

1. Not to be used as a wear layer.
2. Not meant for large repair areas or to be poured. (Instead, use a self-leveling underlayment.)
3. Substrate temperature should be between 10°C (50°F) and 32°C (90°F), and mixing water should be at approximately 16°C (60°F).
4. Do not cover or fill expansion joints or control joints. These are designed for movement, to prevent cracks in the slab body.

Tip: Extremes within the recommended range of substrate porosity, moisture content, slab temperature and mixing water temperature may affect *Chempatch*[®] 2101's setting time. For example, *Chempatch* 2101 applied to a 10°C (50°F) concrete slab mixed with 10°C (50°F) water will take nearly twice as long to set as under optimal conditions. On the other hand, if a slab is excessively warm and absorbent, cooler water or *Chempatch Additive* 2015 can extend the pot life. This is important because cement products that set up too quickly do not reach their full strength potential.

Mixing/Application

Thickness at full strength should be 3 mm (1/8"). However, *Chempatch Additive* 2015 may be diluted at 1 part product to 3 parts water (thickness should be 6 mm [1/4"]) to increase performance or open time of *Chempatch* 2101 over concrete and wood substrates.

1. The mixing ratio is 1:2.5 (1 part full-strength or diluted *Chempatch Additive* 2015 to 2.5 parts *Chempatch* 2101). For best results, gradually add the powder to the liquid while mixing with a slow-speed mixer. Mix completely to a smooth, even consistency.
2. Immediately apply the patch using a flat trowel.
3. Key in the initial application, then build the area to needed thickness. This will improve the bond to the substrate.
4. Wash tools and mixing head immediately with cool water and a firm brush. Once dried, the *Chempatch* 2101 mixture will be difficult to remove even from polished steel.

Two-Coat Method: This method is designed for excessively porous or difficult-to-bond-to substrates such as cutback adhesive residue and approved existing resilient flooring. Also use this method to produce an embossing leveler for existing flooring. Following this method will prepare these surfaces for floor-covering installation.

- **First Coat** – *Chempatch Additive* 2015 at full strength, plus *Chempatch* 2101 (mixed together at 1:2.5). Apply to a thickness of 1,5 mm (1/16") to 3 mm (1/8"). Allow coat to dry completely before applying second coat.
- **Second Coat** – *Chempatch Additive* 2015 diluted at 1 part product to 3 parts water, plus *Chempatch* 2101 (mixed together at 1:2.5). Apply to a thickness of a skim coat up to 6 mm (1/4") as needed.

Important Notice

Before using, user shall determine the suitability of the product for its intended use, and user alone assumes all risks and liability whatsoever in connection therewith. Any claim shall be deemed waived unless made in writing to us within fifteen (15) days from date it was, or reasonably should have been, discovered.

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