

HyperCURE

FLEXIBLE EPOXY GEL REPAIR

PRODUCT OVERVIEW

HyperCURE is a two-component, 100% solids flexible epoxy gel repair system designed for rapid curing and superior adhesion. Its exceptional flexibility and bonding properties make it ideal for repairing cracks, filling joints, leveling divots, and applying gel on vertical surfaces. HyperCURE delivers a durable, long-lasting repair while maintaining ease of application. It can be applied in thin or thick layers, creating a seamless, resilient surface that absorbs impacts and resists chipping. This makes HyperCURE perfect for industrial, commercial, and residential flooring repairs where both strength and flexibility are required.

KEY FEATURES

- Low VOC Formulation
- Low Odor
- Fast Cure
- Fast Return-to-Service
- Cold-Temp Workability & Cure
- High Flexibility
- Crack-Bridging Ability
- No Sag & Minimal Shrinkage
- Strong Adhesion
- Dynamic Repair Compatible

COLOR OPTIONS



OPAQUE

APPLICATION CONSIDERATIONS

- Higher ambient, product, and substrate temps will decrease working time and dry time
- Not UV stable
- Fast set product, mix small batches at a time
- Surface, cracks, divots, and joints shall be dry prior to application

PHYSICAL CHARACTERISTICS

| | |
|-------------------------|--------------------------|
| SOLIDS CONTENT | 100% |
| VOLUMETRIC MIX RATIO | 1A:1B |
| POTLIFE | 10 Minutes @ 75°F |
| TACK FREE | 15-30 Minutes @ 75°F |
| LIGHT FOOT TRAFFIC | 1 Hour @ 75°F |
| FULL CURE | 3-5 Days |
| APPLICATION TEMPERATURE | 45°F - 90°F RH <85% |
| COVERAGE RATE | 307 lf/kit @ 1/8" x 1/8" |
| SHELF LIFE UNOPENED | 1 Year |
| PACKAGING | 0.5 Gal Kit |

TECHNICAL PROPERTIES

| | | |
|--|------------|------------|
| TENSILE STRENGTH | ASTM D638 | 2,450 psi |
| FLEXURAL STRENGTH | ASTM D624 | 1,282 psi |
| ELONGATION | ASTM D638 | 100% |
| HARDNESS | ASTM D2240 | Shore D 70 |
| ADHESION | ASTM D4541 | 400 psi |
| IMPACT RESISTANCE DIRECT & REVERSE 50 IN/LBS | ASTM D5420 | Pass |
| ABRASION RESISTANCE CS-17 WHEEL, 1000G LOAD, 500 CYCLES | ASTM D4060 | 43 mg loss |

CHEMICAL RESISTANCE

Refer to Floorguard Products Chemical Resistance Chart.

☰ REQUIREMENTS

- Substrate should have a compressive strength of 3,500 psi or higher.
- Substrate should have Moisture Vapor Emission Rate (MVER) of <3lbs per ASTM F1869 and Relative Humidity (RH) of <80% per ASTM F2170. If using Tramex concrete moisture meter, moisture content should be <4%.
- Substrate should have pH level between 6-9.
- Concrete must be structurally sound and free of all contaminants and bond breakers.
- Allow concrete to cure 28 days before installation.
- All repair areas must be profiled, clean and dry prior to application. If crack is damp, dry with heat torch. If primer is required, use MV2112.
- Remove all dust from cracks, divots, and spalls prior to application. If sand is used in cracks as prefill, the recommended depth is not greater than 75% of the total depth of the crack.
- For random crack and spall repairs, each side of the crack should be cut to create a minimum 2" deep vertical edge. Ensure that all joint edges are at 90° angles to grade with no V-grooving or feather edges.
- This material can be applied at environmental temperatures from 45°F - 90°F. The product needs to be conditioned at 75-80°F (25-27°C) prior to use.

⚠ PRECAUTIONS

- Refer to Safety Data Sheets (SDS) for safety precautions.
- Safety precautions must be followed during storage, handling, and use.
- Personal Protective Equipment (PPE) shall be worn at all times of the application process including but not limited to long sleeve shirts or disposable arm sleeves, safety glasses, nitrile gloves and properly fitted NIOSH respirators.
- All sources of ignition should be turned off and environment should have proper and adequate ventilation during application and curing process.
- Mixing area should be placed on or in close proximity to project. Area should be securely covered in plastic, cardboard, or tarp to protect from drips and spills.
- Stage materials, tools, and cleaning supplies in a shaded area, out of direct sunlight, within the mixing area prior to start of application process.
- Clean up mixing station and application tools after use with a VOC exempt solvent. Follow all legal, health, and safety precautions when handling or storing solvents and materials, particularly in confined spaces.
- Dispose of empty packaging and other waste in accordance with federal, state, provinces and local regulations.

☰ MIXING PROCEDURE

1. Pre-Mix B-Component in its respective container using Jiffy mixer and drill at slow speeds for 30 seconds until homogeneous
2. Transfer A-component and B-component at a mix rate of 1A:1B by volume and mix for 2-3 minutes being sure to scrape sides of the bucket with a stir stick ensuring both components are thoroughly blended
 - If mixing smaller amounts add B-Component into measuring cup first, then add A-Component until 1A:1B mix ratio by volume is achieved.
 - Do not mix more material than can be used within 10 minutes

☰ COVERAGE RATES & WORKING TIMES

- Crack Repair: 307 lf / Kit @ 1/8" x 1/8"

- 15 Minute Working Time @ 55°F
- 10 Minute Working Time @ 70°F
- 5 Minute Working Time @ 88°F

☰ APPLICATION PROCEDURE

1. Use a putty knife or trowel to apply the repair gel into clean and properly profiled cracks, divots and spalls
 - Apply mixed material immediately
 - Can be filled flush with surface
2. Allow coating to dry : 30-60 Mins @ 55°F
15-30 Mins @ 75°F
5-10 Mins @ 88°F
 - Do not force dry
 - Recoat: 15-30 Mins @ 75°F

☰ MAINTENANCE

Inspect the installed floor by spot-cleaning and repairing any damaged or cracked areas as needed. To extend the life of the flooring system, implementing a daily maintenance program is strongly recommended to help ensure the floor remains safe for its intended use.

☰ TECHNICAL SUPPORT

For questions, please contact a Floorguard Products representative. Additional support materials are available from Floorguard Products. Visit floorguardproducts.com or reach out to us directly for further resources.

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