TECHNICAL DATA SHEET

Product Type | Crack Repair

Product Name(s) | CrackRepair-FAST

Overview:

Coatary Technologies FASTER Crack Repair is specifically formulated for rapidly rebuilding spalled or damaged concrete surfaces. It sets in minutes and is ideally suited for applications requiring a fast turn-around.

Features & Benefits:

- Meets USDA, FDA, EPA, and SCAQMD Standards
- Quick return to service
- Antibacterial
- Extreme Temperature Resistance, 0–200°F
- Low odor & low VOCs
- Low maintenance
- Scratch Resistance
- Used for interior & exterior applications
- Used for industrial, commercial, & residential applications

Used for:

- Damaged/spalled concrete
- Rebuilding control joints, stairs, stem walls, etc. . .
- Binding cracked concrete

Applications / Markets:

- Garages
- Residential
- Commercial / Retail
- Industrial / Manufacturing
- Warehouse / Distribution Centers
- Aviation / Transportation
- Healthcare
- Education
- Sports / Recreation Room
- Food & Beverage
- Automotive / Mechanic Repair Shops
- Grow Rooms

Coatary Systems:

- Flake FAST System (Interior)
- Flake SLOW System (Interior)
- EXTERIOR Flake System
- Metallic System
- Solid Color FAST System
- Solid Color SLOW System
- Quartz FAST system
- Quartz SLOW System

Packaging:

Part A | CrackRepair-FAST-PartA
Part B | CrackRepair-FAST-PartB

Storage & Shelf Life:

Storage Expectation | Out of direct sunlight and ideally between 60-80°F in a dry space.
Shelf Life | 18 months factory sealed and stored at room temperature.

Mixing & Application Instructions:

- **Mixing Instructions |** Mixing should be at a one-to-one ratio based on volume.

Ideal Application Tempt & RH %:

Ideal Product Tempt During Application | 60-75°F
Minimum Substrate Temperature During Application | 5°F Above Dew Point
Recommended Ambient Temperature | less than 80°F & less than 35% RH

Average Cure Rates:

Ambient Tempt °F	75° F
Relative Humidity %	25% RH
Working Time	2-3 Mins
Tack Free Time (Scrape Flake)	5-10 Mins

Product Performance (when cured):

PERFORMANCE	TEST METHOD	TYPICAL VALUES
Compressive Strength	ASTM D638	4,000 psi
Tear Strength	ASTM D624	400 psi
Adhesion/Pull-Off	ASTM D4541	+500 psi
Tensile Strength	ASTM D412	4500 psi filled
Elongation:	ASTM D124	8%
Hardness/Shore D	ASTM D2240	70

Limitations:

- Crack Repair is a rigid concrete repair material and not intended for use as a joint filler.
- Do not apply over concrete experiencing ASR (Alkali-Silica Reaction)
- Do not apply over Acrylics or MMA (Methyl Methacrylate) Coatings
- Do not apply over existing coatings / sealers that have not been properly abraded and cleaned.
- Do not apply to new slabs < 28-days old
- Do not apply to concrete < 3500 PSI compression strength
- This product is not recommended for immersion service.
- DEW POINT: Do not apply when dew point is within 5ºF of the ambient temperature.

Precautions:

- A prime coat may be required if outgassing is suspected or prevalent, if concrete is very porous / in poor condition, or if stem walls are highly absorbent. All concrete repairs must be completed before installing any system.
- DO NOT let material puddle on floor. This may cause a white color, a solid color, or color variations to appear when coating cures. Coating at different thicknesses can also cause similar outcomes.
- For best results, apply when application temperatures and relative humidity are low. Material cures faster as temperature and humidity increase and cures slower as they decrease. If application temperatures exceed those recommended, contact your Technical Representative.
- DO NOT apply under direct sunlight. DO NOT install under inclement weather conditions.
- Mock-ups and field test areas are strongly recommended to validate performance and appearance related characteristics (including but not limited to color, inherent surface variations, wear, anti-dusting, abrasion resistance, chemical resistance, stain resistance, coefficient of friction, etc.) to ensure system performance as specified for the intended use, and to determine approval of the coating system.
- Coverage & cure rates are for estimating purposes only. Factors including but not limited to type substrate condition, unusual/abnormal substrate conditions, surface preparation, sunlight, humidity, dew point, temperature, and other unforeseen jobsite conditions may affect actual product yields and may lead to fisheyes, blistering, pinholes, wrinkling, or out-gassing of air in the concrete and are not product defects and are the responsibility of the installer.
- Personal protective equipment and safety conditions must be considered before using any product. Review all relevant and current documentation including Safety Data Sheets

Warranty:
For warranty visit Coatary.com/resources