

URECO ECF CRACK FILLER

100% SOLID EPOXY CRACK FILLER
TDSECFEN.V01

BEYOND FLOORS...

PRODUCT DESCRIPTION

URECO ECF EPOXY CRACK FILLER is high performance two component 100% solids epoxy crack filler designed for to permanently fill and repair vertical, horizontal or overhead voids in concrete and masonry substrates.

BENEFITS

- Accelerated cure, 100% solids
- Odorless
- Easy mix: Resin (black) and hardener (white) become a uniform grey paste when properly mixed
- Easy application
- Durable, impermeable, seamless and esthetic
- Good chemical and mechanical resistance
- Superior workability and excellent adhesion to concrete and masonry
- Easily cleaned, maintained and a more sanitary work environment
- Designed for horizontal, vertical & overhead application

COLORS

URECO EPOXY CRACK FILLER is available in light Gray

TYPICAL USES

- Pharmaceutical
- Industrial
- Automotive Service Bays
- Institutional Buildings
- Commercial Buildings
- Hospital
- Residential
- Aerospace
- Plant Vehicle Aisles
- Showrooms, shops, dealerships
- Bars, banquet hall
- Hotels, lobbies, kitchens and restaurants
- Shopping centers, retail stores
- Spa, solariums, salons
- Casinos
- Airports, railway stations

PACKAGING

URECO EPOXY CRACK FILLER is available in a container of (1.5 gallons kit) and are pre-weighed, 2 Part A (resin), 1 Part B (hardener).

SURFACE PREPARATION

Surface preparation is required. Substrate must be profiled, dry, clean, oil free, and sound. Use Ureco Degreaser to remove all contaminants (oils, greases and others). Remove any dust, laitance, dirt, curing agent impregnations, wax, foreign matter, coatings and others from the surface by an appropriate mechanical to achieve a profile equivalent to ICRI CSP 2-3 with Blastrac and/or diamond grinder with dust free collector. Need proper bonding to the substrate.

POWERBLAST CANADA

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TECHNICAL INFORMATION

Color	Part A resin:	Black
Metallic Colors	Part B hardener:	White
	Mix :	Light gray
Cure Time @ 23°C		
Recoat		3-5 hours
Full cure		7 days
Mix Ratio (by volume)		2 component kit
		2 Part A (resin)
		1 Part B (hardener)
Pot Life @ 25°C		10-18 minutes
Solid by weight		100
Viscosity (CPS)	Part A Resin:	Paste
	Part B Hardener:	Paste
VOC Content		< 50g/L
Toxicity		Non-toxic No ventilation required

PHYSICAL PROPERTY

TEST METHOD


RESULT

Bond Strength	ASTM D-4541	600 psi
Elongation (%)	ASTM D-638	2.00
Compressive Strength	ASTM D-695	14 000 psi
Hardness (Shore D)	ASTM D-2240	85-90
Water Absorption	ASTM D-570	0.05%

- Pot life is shorter at higher temperature.
- Curing time is affected by ambient and surface conditions.
- Before using any URECO product, be sure the Safety Data Sheet (SDS) is read and understood.

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PRIMING

Self-priming

MIXING

Mix in small quantities at a volume ratio (2A:1B) of 2 Part A Resin and 1 Part B Hardener. To mix, simply measure out volumes of the material and mix them together thoroughly with putty knife or spatula until the material is thoroughly mixed and uniform in color. Mix only an amount of material that can be used in the allotted pot life period. Improper or insufficient mixing may result in product failure.

APPLICATION

URECO EPOXY CRACK FILLER material can be applied by marginal trowel, putty knife or any other suitable equipment.

STORAGE CONDITIONS

This product must be stored in a dry cool place between 15°C and 21°C. Do not allow to freeze. The shelf life of this product is 6 months from ship date in the original unopened container. Do not store near open flame.

LIMITATIONS

This product is best suited for application in temperatures between 10°C and 30°C. Materials should be preconditioned to a minimum of 12°C prior to use. Substrate must be clean, sound and dry. Substrate temperature must be 3°C (5.5°F) above measured dew point. Moisture content of the substrate must be less than 4% when coating is applied. Do not apply to surfaces where moisture vapour can condense and freeze or to porous surfaces where moisture vapor transmission will occur during the application. Do not use on exterior, on grade substrates. Do not apply in areas where the humidity is greater than 85%. Freshly applied material should be protected from dampness, condensation and water for at least 24 hours. Color stability may be affected by environmental conditions such as high humidity or chemical exposure as well as UV exposure. This product is resistant to many common chemicals.

If you have any questions, please contact the PowerBlast Canada Technical Services at 1-866-975-1133

CAUTION

Workers should wear protective clothing consisting of splash-proof goggles, impermeable gloves and, where exposure limits are exceeded, organic vapor respirators. Follow the Safety Data Sheet (SDS) for proper personal protective equipment to use when handling this product. Use only as directed.

KEEP OUT OF REACH OF CHILDREN.

IMPORTANT NOTICE- All statements, recommendations and technical information contained in this document are based on tests and information, which PowerBlast Canada believes to be accurate as of this date. The buyer should test this product before use. PowerBlast Canada assumes no obligation or liability for results obtained from the use of this product. The product and information herein are furnished at the buyers request and risk. PowerBlast Canada will not be liable for any direct, indirect, consequential, economic or any other damage whatsoever except to replace the product and/or refund the purchase price to the purchaser.

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