

Floor FITREL

HIGH STRENGTH EPOXY TEXTURE FILLER

A two-pack, texture filler based on epoxy .Excellent application, sanding and filling properties. Beside the amazing strength of epoxy and its tenacious bond to concrete, which exceed the strength of concrete itself, this state-of-the-art epoxy offers new unique features:

- Adheres to damp surfaces, which makes it ideal for basements
- Quick and easy - no routing of cracks is needed
- Flexible enough to absorb hard heavy wheeled traffic.
- Good wear resistance.
- Excellent for filling and repair cracks in concrete
- LEED Compliant

Two-part construction repair epoxy. No polymer additives, 100% thermosetting hydrophobic epoxy. Virtually indestructible under high water pressure, heavy traffic, or extreme temperatures. Floor fitrel resists chemicals.

Ideal for permanent repair of cracks, joints, holes, spalls, and defects in indoor or outdoor concrete, bricks, and masonry, and for sealing very porous blocks .

Epoxy's strength and its bond to concrete are stronger than the concrete itself. Epoxy Crack Filler does not necessarily fill the full depth of the crack but provides a strong surface for heavy traffic. Narrow cracks have to be routed out first with a grinder before pouring in the Epoxy Filler.

Use to repair cracks, joints, honey combs or pit marks in indoor or outdoor concrete and masonry. It can also be used as a base material beneath coating, slurry, and mortar systems to repair before coating.

TECHNICAL DATA		CURE/DRY TIME	
Mixed Consistency	Tex Putty	Pot Life	20–30 minutes @ 75°F
Mixing Ratio	8 parts A to 1 parts B by volume	Dry to Touch	3–5 hours @ 75°F
Solids Content	70% by volume	Re-Coat	4–6 hours @ 75°F
Volatile Organic Content	0 gm/L	Sanding time	12– 14 hours @ 75°F
Color	white	Full cure & maximum resistance	5 days
Weight Per gallon	15 – 16 pounds per gallon, mixed		

CHEMICAL RESISTANCE

FloorFITREL Has excellent resistance to the following: most aqueous systems, sewage, urine, fresh water, sea water, diluted and concentrated alkalis, diluted acids, sulphur gases, mineral, vegetable and animal oils and fats, ammonia and formaldehyde.

PROPERTIES

Tensile strength	1 200psi
Shore A Hardness	75 – 80
Elongation	100%
Bond strength	400psi
Compressive strength	60N/mm ²
Abrasion resistance	Excellent
Application temperature	- 40°F (- 40°C) to 120°F (49°C)
Service temperature	Up to 77 °C
Flammability	Non Flammable
Modulus of elasticity	4.5 x 10 ³ MPa
Shrinkage	NIL
Water absorption	Negligible

SURFACE PREPERATION

The surface preparation is the most critical portion of any successful flooring application. The surface must be extremely dry, clean and free from all foreign substances.

APPLICATION

Mix well according to the ration given until the consistent colour is attained. Use suitable trowel or knife. If needed can be diluted with Epoxy thinner for certain applications. Contact ORGANIX technical team for further assistance.

PACKING : 4 litre and 20litre

CLEAN UP:

Clean skin with soap and water. Tools and equipment should be cleaned with Xylene or suitable thinner.

STORAGE:

Store under ware house conditions, in the original unopened packs. Shelf life: 12 months under conditions below 45°C.

HEALTH AND SAFETY

Flash point 52°C, may irritate to eyes and skin. Avoid breathing fumes, Wear suitable gloves and eye/face protection. Wash hands with water after use.. Both components may cause irritation as well as skin and respiratory sensitization. Component B is corrosive and may cause tissue destruction. In case of contact, immediately flush affected areas thoroughly with water for at least 15 minutes. Seek immediate medical attention. Unused epoxy will generate excessive heat, especially in large quantities. Unused epoxy should be mixed with dry sand in the container to help lower heat. Refer to Material Safety Data Sheet for complete health and safety information.

TECHNICAL SERVICE:

ORGANIX technical service team provide all the support for the selection of the materials suitable for the specific use

engineered to perform

