

ULTRALIT FIX PREMIUM

POLYUREA REPAIR POLYMER

DESCRIPTION

Ultralit Fix Premium is a 100% solids uniquely formulated rapid repair Polyurea product. In its basic low viscosity formulation, Ultralit Fix Premium may be used in a variety of unique applications to repair concrete substrates. It is designed for use in both interior and exterior concrete repair applications.

BENEFITS

- UV and color stable for indoor and outdoor usage
- Very low odor
- Low viscosity in neat configuration will penetrate concrete for permanent bond
- Cures in 1 hour for quick open to traffic
- Can cure in -34°C. Cure time will be extended at lower temperatures
- Self-leveling
- Good chemical and abrasion resistance

IDEAL FOR APPLICATIONS IN

- Repairing spalls and cracks in traffic areas
- Repairs for polished concrete
- Filing bug-holes on horizontal surfaces
- Repairing exterior and interior horizontal surfaces of concrete and masonry
- Bridge deck repairs
- Below grade repairs
- Spalled control joints
- Freezer applications
- Pool deck joints
- Occupied spaces
and others...

PHYSICAL PROPERTIES

(Typical) 1:1 Mix Ratio		
Cured Film Properties	Test Method	Typical Value
Gel Time	ASTM D1640	3 - 5 minutes
Working Time	Theoretical	5 - 10 minutes
Tack Free @ 77°F	ASTM D1640	15 - 25 minutes
Grind or Polish	ASTM D1640	2 hours
Open to Traffic	Theoretical	1 hour
The following properties are typical after maintaining cured product at 20-25°C for 4 days:		
Tensile Strength (psi)	ASTM D638	6,100 - 6,600 (42-45 MPa)
Tensile Elongation (%)	ASTM D638	2 - 4
Modulus of Elasticity (kpsi)	ASTM D638	240 - 345
Tear Strength (lb./in.)	ASTM D624	590 - 675
Shore (D) Hardness	ASTM D2240	70+
Taber abrasion, mg wt. loss (1,000 g, 1,000 revs., H-18)	ASTM D4060	270 - 310
Shelf life		One year from date of shipment, in original, unopened factory containers, under normal storage conditions of 18°-35°C

PACKAGING

Ultralit Fix Premium is packed in 2 liter kits (1 liter pail of component “A” and 1 liter pail of component “B”) or in 60 liter kits (30 liter pail of component “A” and 30 liter pail of component “B”).

MIXING

Ultralit Fix Premium is a two-component product. When mixing material, thoroughly mix each side prior to combining “B” side into “A” side.

APPLICATION

Surface Preparation:

- Provide clean and dry concrete surface. When restoring surface integrity to dusted concrete, remove loose surface material. Abrasive blast or abrade surface is recommended.

Application procedure:

- Used in patching applications: holes, divots, pop outs and re-nosing of joints. May be troweled as necessary and allowed to dry.
- Ultralit Fix Premium is not to be used on non-porous substrates. Ultralit Fix Premium can be top coated if desired, follow proper surface preparation procedures. Ultralit Fix Premium may be mechanically abraded after approximately 2 hours.

Clean up:

- Cured product may be disposed of without restriction. Excess liquid “A” and “B” material should be mixed together and allowed to cure, then disposed of in the normal manner. Product containers that are “drip free” may be disposed of according to local, state and federal laws.

SAFETY / HEALTH INFORMATION

KEEP OUT OF REACH OF CHILDREN. Do not drink. Keep container closed tightly when not in use. Wear long sleeve overalls, goggles and rubber gloves, rubber or leather boots. Additional precautions, safety information and first aid treatments are contained in the Material Safety Data Sheet.

CUSTOMER SUPPORT

Ultralit Fix Premium is available worldwide. For technical assistance, product information, Dealer location - visit our web site at www.ultralit.eu or email at info@ultralit.eu.