



5.02 FAST EPOXY SL

Heavy Duty Self Smoothing Epoxy Floor Topping

PRODUCT DESCRIPTION

FAST Epoxy SL is a heavy duty floor system based on specially selected epoxy resins and hardeners to produce a self-smoothing topping for concrete.

ADVANTAGES

- Seamless
- Durability
- Easy application
- Excellent adhesion
- Low maintenance

TYPICAL PROPERTIES

- Pot Life@20°C: 65 minutes
- Recoat time@20°C: 18 Hours
- Traffic Time Pedestrian: 24 hour
- Light vehicle: 48 hour
- Full Cure: 7 Days
- Colors: Grey. Other colors to order in sufficient quantity.

APPLICATION INSTRUCTIONS

Preparation: All contacted surfaces must be free of oil. Grease or other contamination which may inhibit bond. Any loose concrete should be removed and repaired to provide a solid foundation. Prime any areas which are porous using FAST Epoxy Binder applied at 5 - 7 m² per liter. Fill any holes or large depressions with an epoxy scratch coat to minimize any surface defects. **Mixing:** FAST Epoxy SL is suitable for mixing using a drill and suitable paddle. Add the Hardener to the Base and mix for 1 to 2 minutes to ensure thorough mixing. Slowly add the FAST Epoxy SL 2 Fillers while mixing. Mix for 3 - 5 minutes before use. Only mix that quantity of material, (usually one kit at a time), that can be used within the setting time.

Application: Apply the FAST Epoxy SL by trowel to a thickness of 2mm in an even

pattern over the floor. Immediately after laying the FAST Epoxy SL should be rolled with a spiked roller to remove any trowel marks and assist with the release of any entrapped air. Rolling should be carried out several times before the initial set of the material. Always roll in the same direction during any pass over the floor.

Curing: FAST Epoxy SL is suitable for pedestrian traffic after 48 hours. Allow 7 days for full cure

CHEMICAL RESISTANCE

FastChem Epoxy SL shows good chemicals, acid and base resistant. For more information on this or any other product, please contact FastChem customer service.

CLEAN UP

Clean all equipment with FAST 103 solvent after use.

ESTIMATING

Packaging: FAST Epoxy SL is supplied in pre-weighed 12 kg kits comprising Base, Hardener and Fillers.

Material Usage: Prime Coat 5 - 7 m² per liter of FAST Epoxy Binder Top Coat 5 m² per kit.

Thickness 3.0 mm coverage 1m²/5.5 kg.

STORAGE

FAST Epoxy SL is an epoxy based product which must be stored in the original unopened containers.

PRECAUTIONS

Where temperatures less than 5°C or greater than 35°C are encountered, contact our Technical Staff for specific advice. FAST Epoxy SL is non-toxic, but it is alkaline in nature.



FastChem Technologies

The Fast Chemistry for Construction

Any contact with eyes or skin should be washed off with soap and clean water. Do NOT use solvent. Protective gloves, goggles and clothing should be worn. Repeated contact with epoxy resins and hardeners can cause sensitization in some people handling this type of product. Where this occurs seek medical advice before continuing use. FAST Epoxy SL may be subject to some slight surface imperfections such as dimpling dependent on site conditions and these should be considered normal. They will not affect the wearing properties of the floor or the seamless / hygienic properties of the floor, but may be noticeable under certain lighting patterns. New concrete should be 28 days old or have a moisture content of less than 5% prior to laying FAST Epoxy SL.

NOTE

Material safety data sheets for these and all FastChem products are available on request. Read the MSDS and product label carefully before using. All reasonable care is taken in the compilation of this data sheet. All recommendations regarding use are made without guarantee as the conditions of use are beyond the control of the manufacturer.

ALLIED PRODUCTS

FastChem manufactures a broad range of construction products including.

- Admixtures
- Grouts
- Coatings
- Adhesives
- Sealants
- Water Proof Coatings
- Floor Leveling Compounds
- Concrete Repair

WARRANTY

This product is warranted to be free of defects in material and workmanship, and conform to FastChem Construction Chemicals ("FastChem") quality control standards. All recommendations, statements and technical data herein are based on tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty or guaranty of any kind, expressed or implied including but not limited to, an implied warranty of merchantability or an implied warranty of fitness for a particular purpose. Satisfactory results depend upon many factors beyond FastChem's control. User shall rely on his or her own information and tests to determine suitability of the product for the intended use and user assumes all risk, loss, damage, expense and liability resulting from his or her direct use, indirect use or consequential to their use of the product. FastChem shall not be liable to the buyer or any third person for any injury, loss or damage directly or indirectly resulting from use or inability to use the product. FastChem's sole responsibility shall be to replace that portion of the product which proves to be defective. Any warranty claim must be made within six (6) months from the date of the claimed breach. This limited warranty applies only if the product was properly installed and used according to all instructions and was properly stored prior to use.

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