



BOND TUF EPOXY SL

Solvent free pigmented self levelling portable casting coat

BOND TUF CHEMICALS PVT. LTD.

AN ISO 9001 : 2015 COMPANY

www.bondtuf.com

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DESCRIPTION

Bondtuf Epoxy SL is a three-part solvent free epoxy resin system. This unique formulation which contains a base, hardener and filler provides 2 to 4 mm self-levelling floor topping.

ADVANTAGES / BENEFITS

- ❖ Bondtuf Epoxy SL is resistant to salt solutions, diluted acids, mineralised oils and aliphatic hydrocarbons.
- ❖ Bondtuf Epoxy SL provides excellent resistance to abrasion.
- ❖ Bondtuf Epoxy SL is easy to apply and is available in many colours.
- ❖ Bondtuf Epoxy SL is resistant to water, sewage water and sea water.
- ❖ Bondtuf Epoxy SL can withstand temperature change in a range of -30 deg C to 120 deg C at dry stress and up to 80 deg C at wet stress
- ❖ Bondtuf Epoxy SL provides dust free, seamless, hygienic, washable floor screeds.

CHARACTERISTICS

Mixing ratio base 4 kg, Hardener 2 kg and filler 8 Kgs

Pot Life 30 minutes @ 30 deg c

Dust Dry after 3 hours @ 30 deg c

Foot Traffic after 24 hours @ 30 deg c

Full Cure 7 Days

Compressive strength 55 N/mm²

Flexural Strength 35 N/mm²

Tensile Strength 16 N/mm²

Impact Resistance 4 KG/M

As per DIN 53401 4.5 cm² / 50 cm²

As per Taber (CS10/1000U/100G 62 mg load)

Abrasion Resistance (Amster test 3000 1.4 mm revolution)

PRECAUTIONS

Health and safety Bondtuf Epoxy SL should not come in contact with the skin and eyes, or be swallowed. Ensure adequate ventilation and avoid inhalation of vapours. Some people are sensitive to resins, hardeners and solvents. Wear suitable protective clothing, gloves and eye protection In case of contact with skin, rinse with plenty of clean water, then cleans with soap and water. Do not use solvent. In case of contact with eyes, rinse immediately with plenty of clean water and seek medical advice. If swallowed seek medical attention immediately - do not induce vomiting.

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DIRECTIONS FOR USAGE

The surface where Bondtuf Epoxy SL is to be applied should be dry and free from dust, grease, contamination, oil and other loose particles. For this grit blasting or sand blasting or grinding and water jetting can be used. The surface should not have a moisture content of more than 4 %. A non-solvent primer if the surface is damp or a solvented primer has to be applied while coating Bondtuf Epoxy SL on the floors. All the components of Bondtuf SL are mixed thoroughly with a slow speed drilling machine-paddle with an rpm 300-350 for about 3 minutes till a Homogeneous mixture is obtained. The mixed material is brushed onto the well prepared surface by a standard paint brush, good quality lamb's wool roller or sprayed with airless spray equipment. Care should be taken to ensure continuous film and proper material consumption

SHELF LIFE

Bondtuf Epoxy SL has a shelf life of 12 months if kept in warehouse conditions at 30deg C in the original, unopened pack.

AREAS OF APPLICATION

Bondtuf Epoxy SL is used in distilleries, laboratories, pharmaceutical industries, food processing industries, hospital clean rooms, operation theatres, electronics, computer assembly units, commercial show rooms and wherever food grade, hygiene and dust free floors are required.

SUPPLY

Bondtuf Epoxy SL comes in 14 kg pack

TECHNICAL SUPPORT

Bondtuf provides a technical advisory service for on-site assistance and advice on admixture selection, evaluation trials and dispensing equipment. Technical data and guidance can be provided for admixtures and other products for use with fresh and hardened concrete.

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IMPORTANT NOTE

Bondtuf products undergo high standard quality checks and every reasonable precaution is taken in the manufacture of all products. BONDTUF continuously strive to ensure the products, recommendations, specification & information given is reliable, correct and accurate. No specific guarantee can be assured as product performance depends not only on quality but also on many other factors which are not under our control. The customer should make his own trails to determine the compatibility of the product for his own purpose. All products are sold subject to our standard terms and conditions of sale.

BONDTUF PRODUCT RANGE

WATERPROOFING COMPOUNDS | REPAIRS & REHABILITATION AGENTS | ADMIXTURES & CONCRETE TREATMENT
FOUNDATION GROUTS & FLOOR HARDENER | EPOXY COATINGS & SCREEDS | TILE & STONE FIXING ADHESIVES