



SpECTite Elastobond

POLYMER MODIFIED ELASTOMERIC WATERPROOFING MEMBRANE FOR CONCRETE & MASONRY SURFACES

DESCRIPTION

SpECTite Elastobond is a two component, polymer modified waterproof membrane which is supplied in ready to mix kits. When mixed, an easily brushable coating is produced. It can simply be applied by a stiff brush, roller, or trowel to obtain the desired thickness.

SpECTite Elastobond consists of specially selected cements, graded hard-wearing aggregates and additives supplied in powder form together with a liquid component of polymers providing exceptional adhesion, resiliency, flexibility, toughness and durability.

TYPICAL USES

SpECTite Elastobond fully cured, provides a seamless elastic waterproof membrane for use in watertanks, swimming pools, wet areas, pre-cast joints where a tough elastomeric water tight membrane is required.

ADVANTAGES

- Can be applied to damp substrates
- No primer required
- Elastomeric - able to bridge cracks
- Able to take foot traffic when cured
- Factory pre-blended two component system ensure quality control at site

TECHNICAL DATA

Solid Content	≥80%
Drying time	
Tack free time	≤4 hours
Pot Life	15±5 minutes
Tensile strength	1.0±0.2 MPa
Crack bridging ability	1.0±0.2 mm
Elongation @ break	40±5%
Hydrostatic test at water pressure of 0.3MPa for 30 mins	No penetration
Bonding strength to damp substrate	1.0±0.2 MPa

APPLICATION

Preparation

All surfaces which are to receive **SpECTite Elastobond** coating must be free from oil, grease, wax, dirt or any other form of foreign matter which might affect adhesion. Spalled and deeply disintegrated concrete should be removed to sound concrete and repaired with the Concrete Repair System.

Mixing

The **SpECTite Elastobond** liquid concentrate is poured from the plastic drum into a suitable container (about 30 litres) and mixed mechanically with a slow speed drill (350-450 rpm). Add the powder component gradually to the liquid avoiding lump formation and mix for 4 - 5 minutes until a smooth consistent mix is achieved. Use the material within the recommended pot life.

Application

Dampen the surface before coating with **SpECTite Elastobond**. Sweep excess water to avoid ponding on horizontal areas. Apply the properly mixed **SpECTite Elastobond** with a short bristle brush or trowel at a WFT of 0.5mm. A minimum of 2 coats required for desired properties.

The first coat of **SpECTite Elastobond** should be allowed to dry for 2 - 4 hours prior to application of second coat as above.

The application direction for two coats should be vertical to each other.

EQUIPMENT CLEANING

Tools and equipment should be cleaned immediately using water as, on hardening, the material can only be removed mechanically.

PACKAGING & YIELD

SpECTite Elastobond is supplied in 16kg two part packs.

A complete mixed pack will cover approximately 8.4m² at 1mm WFT depending on the substrate profile.

STORAGE & SHELF LIFE

When stored in a cool environment in original unopened containers, the material has a shelf life of 12 months.

HEALTH & SAFETY

SpECTite Elastobond contains alkalis and protection should be provided to prevent contact with skin and eyes. Inhalation of dust must be avoided whilst mixing. Gloves, goggles and a dust mask must be worn.

Eye contact

Rinse with copious amounts of clean water and seek medical attention.

Skin contact

Rinse with copious amounts of clean water followed by thorough cleaning with soap and water.

DO NOT USE SOLVENTS.

FLAMMABILITY

SpECTite Elastobond is non flammable.

FLASHPOINT

SpECTite Elastobond >100

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