

(SBS MODIFIED RUBBERIZED BITUMINOUS LIQUID APPLIED MEMBRANE)

**LASTEEK E500** is SBS modified rubberized bitumen waterproofing liquid coating; which upon drying forms a robust, seamless, totally impermeable but flexible coating/membrane, unaffected by corrosive ground water yet capable of withstanding structural movements.

### IMPORTANT FEATURES

- Seamless conforms easily to complex details and irregular surface profiles.
- Highly elastic cures to form rubber like membrane.
- Elongation 1000 %
- Self healing to minor punctures.
- Dynamic structural crack bridging capability of more than 40 mm
- Single component.
- Simple and quick application.

### QUALITY ASSURANCE & MATERIAL WARRANTY

Imperbit Membrane Industries' Management system is registered to ISO 9001 standard. In addition to stringent regular test by IMI laboratory, our products are also tested periodically by independent laboratories.

### STANDARDS

**LASTEEK E500** conform to the requirement of ASTM D 3019 TYPE III & ASTM D4479

### DESIGN DATA/ DURABILITY

**LASTEEK E500** is impervious to water. When fully protected and subjected to normal service conditions, **LASTEEK E500** will provide an effective barrier to the transmission of liquid water and water vapor.

### ADHESION

**LASTEEK E500** has excellent adhesion to correctly prepared substrate without the need for a primer.

### USES

- Wet area; under tiles in bathrooms, kitchens & shower areas.
- DPC & Arrest rising dampness.
- Cellar walls & basement.
- Culvert and manholes.
- Gutters & retaining walls.
- Planter boxes.

### APPLICATION

All substrates must be clean free from dirt, dust, soil, grease, oil and other loose particles, clean using wire brush. Cracks, holes and damaged surface must be filled and repaired.

Apply **LASTEEK E500** using a wide nylon brush, sheepskin disposable rollers or airless spray. The product must not be applied in wet or freezing conditions or if these conditions are likely to occur before the coating has dried. The product is always applied in 2 equal coats, which should be applied at right angle to the preceding coat allowing the first coat to dry fully before a second coat is applied. Normal re-coat time is 12 hours. Make sure that the container is kept closed after each application. The applied coating should not be exposed to UV rays for longer period.

Clean tools using white spirit or Hydrocarbon solvents.

**Reinforcement:** Apply first coat of **Lasteek E 500** and let it dry which generally takes 24 hours, incorporate reinforcement & then apply a second coat.

### ADVANTAGES:

**LASTEEK E500** is robust product not affected by chlorides, sulphates, phosphates or dilute acids found in ground water for application.

Dependable  
Waterproofing  
Solutions



A liquid waterproofing product

Dependable Waterproofing Solutions

PROPERTIES	TYPICAL VALUES	STANDARD
COLOUR	BLACK	-
DENSITY	0.95 Kg/Ltr.	ASTM D70
NON – VOLATILE CONTENT	60 %	ASTM D4479
SOLVENT TYPE	AROMATIC HYDROCARBON	-
FLASH POINT	40°C	ASTM D94
RECOVERY	96%	ASTM D638/D412
TACK FREE	4 – 6 Hours	-
CURING TIME	24 Hours	-
SUCCESSIVE COAT	8 - 12 Hours	-
PACKING	20 Liter Pail or 200 Liter Steel Drum	-
STORAGE LIFE	24 Months in un-opened container	-
SERVICE TEMPERATURE	5 °C to 50 °C	-

FULL PHYSICAL PROPERTIES	After 7 days	-
ELONGATION AT BREAK	1000 %	ASTM D638/D412
TENSILE STRENGTH	50 N/cm <sup>2</sup>	ASTM D638/D412
COLD FLEXIBILITY	- 10 °C passes	ASTM D4479
CRACK BRIDGING CAPABILITY	40 mm	ASTM C836

**PROTECTION FROM MECHANICAL DAMAGE**

The cured membrane could be damaged by sharp objects and should be protected against damage and site abuse by other trades.

**DELIVERY AND SITE HANDLING**

**LASTEEK E500** is supplied in 20 Litre pail and 200 Litre drums, each drum bearing the product name and manufacturing batch code.

**COVERAGE RATE:** For dry film thickness of 1.2mm recommended to use 2.0 kg/m<sup>2</sup> in 2 coats (1.0 kg/m<sup>2</sup>/coat)  
For higher thickness of 1.5 mm DFT, it is recommended to use 2.5 Kg/m<sup>2</sup> in two to three coats.

**HEALTH & SAFETY:**

The product is flammable and should be stored in a cool place out of direct sunlight. Proper care must be taken when applying the coatings. Wear protective clothing's, gloves and goggles ensure proper ventilation if used in closed areas, keep away from source of ignition, avoid contact with skin, eyes or inhalation. In case of accidental eye contamination, rinse immediately with plenty of water and seek medical advice. Refer to product Material safety Data sheet for detailed information.

The technical data given herein are the average values obtained on the test carried out on the material.

The test is the industry standard for this type of material and comply with the criteria stipulated in ASTM.

IMI reserves the right to change or modify the data without prior notice. All reasonable care has been taken in compiling the data that to best of our knowledge is accurate and true. All recommendations are made in good faith. No responsibility can be accepted by us and no warranty is implied with regards to any of the recommendations made in the datasheet, since the condition of actual use and the labour involved are beyond our control. The products are warranted against manufacturing defects and sold subjected to IMI standard terms and condition of sale.

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