

SERVIPROOF EM 200 - HD

High quality, single component elastomeric waterproofing membrane.

DESCRIPTION

SERVIPROOF EM 200 - HD is a single component heavy duty water based acrylic waterproofing liquid. Upon cure it forms a tough elastic membrane that is resistant to natural weathering agents including UV rays.

ADVANTAGES/FEATURES

- Single component easy to apply.
- Excellent durability and UV resistance
- Highly flexible elastomeric product with excellent crack bridging ability.
- Excellent adhesion to most of substrates.
- Easy to maintain.

USES

- Roof coating & protective barrier for a variety of low slope roof surfaces & substrates
- Waterproofing of concrete, asbestos, cement & gypsum board surfaces
- Can be applied over most dry single ply, asphaltic modified bitumen and metal roofing systems
- New & existing surfaces

METHOD OF USE

General recommended guidelines as follows

(N.B.) Application procedure may vary slightly depending on site conditions.

• **Surface preparation:**

Surfaces receiving **SERVIPROOF EM 200 - HD** should be clean, dry Oil & grease free. All loose particles or peeling materials should be removed. New concrete substrate should be at least 28 days old.

• **Application**

SERVIPROOF EM 200 - HD can be applied by a brush, roll or airless spray machine. Concrete cracks and potholes shall be repaired by proper concrete repair mortar. Application is not recommended at temperature below 5 °C (41 °F) or if rain or dew is likely to occur before product dries. A primer coat of **SERVIPROOF EM 200 - HD** is recommended to be applied by diluting with 20% water and mix thoroughly before coating the entire substrate, then allow to dry for 4 - 12 hours depending on ambient temperature.

The first coat of SERVIPROOF EM 200 - HD to be applied without dilution at the rate of 0.9 - 1.0 kg/m² and allow to dry. Second coat should be applied perpendicular to the first coat at the same mentioned rate.

For Heavy traffic, it is recommended to use glass fiber scrim-reinforcement, to be embedded in the second coat while it is wet. A third coat is then should be applied.

• **Cleaning**

Tools can be washed with water while wet. If dries it can be cleaned mechanically

NOTE:

SERVIPROOF EM 200 - HD should not be applied at temperature below +5 °c or dropping.

PACKAGING: 20 kg pail/ 200 kg drum

COVERAGE RATE:

Coverage rate is 0.9 - 1.0 kg/m² forming a WFT of 0.7 - 0.9 mm per coat.

SHELF LIFE & STORAGE

12 months from manufacturing date in original sealed container & under shaded area at temperature not exceeding 35 °C



HEALTH & SAFETY

As per all acrylic products, care should be taken during use and storage. To avoid contact with skin, eyes and mouth, wear suitable protective clothing, gloves and eye/face protection.

Should accidental skin contact occur, rinse immediately with plenty of water. If swallowed, seek medical advice immediately. Do not induce vomiting. **SERVIPROOF EM 200 - HD** is not flammable

THECHNICAL DATA

Characteristics	Test Method	Typical Value
Color*		White
Solid content	(ASTM D 1076)	65%
Viscosity	(ISO 1652, spindle 6@ 10 rpm)	50,000 - 70,000 cP
Density	(ASTM D 1475)	1.3 kg/liter
Elongation at break	(ASTM D 412)	500 %
Dry peel adhesion	(ASTM C 297)	70 lbs/sq.in
Weathering Resistance	(ASTM G 154)	2000 hr. No deterioration of function
Curing time to touch		4-12 hr.
Full curing		7 days

* Other colors are available upon request.

** Above data are subjected to a ± 10 % tolerance.

