



One coat waterproofing membrane

TDS

EAGLE DT1 is a state of the art single- component liquid membrane that can be applied on new roofs or re-roofing projects applied in a single coat.

Once cured, it forms a continuous, elastic, and completely waterproof membrane, with great durability and resistance to UV rays and weather conditions. EAGLE DT1 is suitable for roofs and gutters, verandas and balconies, retaining walls, and damp surfaces under tiles.

Compatible with bituminous sheets, concrete substrates, wood, metal, PVC, fiber cement, ceramics, synthetic sheets, etc.

USES

- Flat roofing
- Details on single ply or torch on membranes
- Metal decks and cut edge corrosion

Consumption	1,5 to 2 kg/m2
Solids content	85%
Touch dry time	2-3 h
Elongation	>550% (ASTM D412/ EN-ISO-527-3)
Application Method	By roller

FEATURES AND BENEFITS

- Excellent UV resistance
- One coat application
- Fast curing
- No reinforcement required
- Great adhesion to most substrates without primer
- Ideal for vertical applications and gap bridging
- Coverage 1,5kg m2
- can be used on damp substrates
- 10 year guarantee
- Instantly shower proof
- Voids and gaps larger than 5mm have to be bridged using Eagle matting
- Traffic grey



GENERAL CHARACTERISTICS

Fast and easy application with a roller, Fast and easy application with a solvent resistant roller in one coat. **EAGLE DT1** offers high crackbridging capacity and resistance to UV Rays, stagnant water and ice. It maintains its physical properties between -30°C and +90°C. It is permeable to water vapor and allows surfaces to breathe. It also has excellent adhesion and chemical resistance and contains no toxic substances after curing. It has a traffic grey colour.

APPLICATION INSTRUCTIONS

Apply when the ambient temperature is between 2°C and rising, and 35°C.

Ensure the substrate is in good condition, dry, clean, and free of loose particles, dust, moss, lichen, or other contaminants that could compromise the membrane's adhesion. Cracks and damage must be repaired before application.

EAGLE DT1 is a ready-to-use product. Open the container and mix well, either by hand or with a low-speed mixer.

TECHNICAL DATA

PROPERTIES (23°C & 50% RH)	METHOD	SPECIFICATIONS
Viscosity (BROOKFIELD) (cP) TI: Index Thixotropique	ASTM D2196-86 / TS 5833 / EN ISO 3219	6500-8500 4,5-6,0
Density (gr/cm3)	ASTM D1475 / DIN 53217 / ISO 2811	1.30 ± 0,05
Solids Content by Weight	ASTM D2369	85 %
Touch dry time	-	2-3 hours
Fully cured		7 days
Time for repainting	-	8-12 h
Hardness (7 days)	ASTM D2240 / DIN 53505 / ISO 868	45-55 (Shore A)
Tensile strength (7 days)	ASTM D412	> 2 N/mm ²
Elongation	ASTM D412 / EN-ISO-527- 3	> 550 %
Adhesion to concrete	ASTM D4541	> 2

*The values in this table are approximate and may vary depending on the support situation or the application methodology used.



PACKAGING:

4.5 kg and 14 kg metal cans. Light grey.

SHELF LIVE:

18 months at temperatures between 5° C and 35° C, provided it is stored in a dry place. The manufacturing date is on the label.

HANDLING AND TRANSPORT

These safety recommendations are necessary for the application process and during exposure to loading machinery. Respiratory Protection: Use an air-purifying respirator when handling or spraying. Skin Protection: Wear rubber gloves and remove them immediately if contaminated. Wear clean protective clothing and wash thoroughly with soap and water after work or before eating, drinking, or smoking. Eye/Face Protection: Wear safety goggles to avoid splashing and exposure to airborne particles. Disposal: Minimize waste generation. Incinerate under controlled conditions in accordance with local and national regulations. Consult the product safety data sheet (MSDS) or contact our technical department.