

EAGLE DT FLASH is a state-of-the-art, single-component aliphatic PU resin designed for waterproofing perimeters and detail areas that are often difficult to seal with traditional s.

Once cured, it forms a continuous, elastic, and completely waterproof membrane, with great durability and resistance to UV rays and weather conditions. EAGLE DT FLASH 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

- Waterproofing of detailed areas, such as joints between different roof materials, perimeters, and other complex areas.
- Safe, flameless repair work.
- Compatible with materials such as: asphalt fabrics, PVC, wood, metal, concrete, synthetic membranes, fiber cement, ceramics, etc.

Consumption	1.5 to 2 kg/m2
Solids content	85%
Touch dry time	4-5 h
Elongation	>550% (ASTM D412/ EN-ISO-527-3)
Application method	With roller on wet-on-wet system with Eagle Matting

GENERAL CHARACTERISTICS

Fast and easy cold application with a roller, fully reinforced with Eagle Matting in a wet-on-wet system. **EAGLE DT FLASH** offers high crack-bridging 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.

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

Prepare and cut the **EAGLE Matting** to the desired shape to have the pieces ready for wet-on-wet application, as described below.

WET-ON-WET SYSTEM: Apply a thick coat of the product directly from the container onto the clean substrate using a solvent-resistant roller. Place **EAGLE Matting** on top of this fresh coat and press down with a paddle roller or dry roller to fully saturate the matting until the material is absorbed, then apply another coat of Eagle DT FLASH. Check that the matting is fully encapsulated and without any areas missed... Apply approximately 2/3 of the total recommended consumption in the first coat and the remaining 1/3 in the second coat. The minimum recommended consumption is 1.5 to 2 kg/m².

- Transitions, changes of plane and joints between two supports must overlap by 5 to 10 cm.
- Form a perimeter area about 5 cm beyond the matting to completely encapsulate it.
- Touch dry time is approximately 5 hours, depending on the weather.

TECHNICAL DATA

PROPERTIES (23°C & 50% RH)	METHOD	SPECS
Viscosity (BROOKFIELD) (cP) TI: Thixotropic index	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	-	4-5 h
Complete cure		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/mm2
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. Grey.

SHELF LIFE:

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

HANDLING AND

TRANSPORTATION 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.

RELATED PRODUCTS

EAGLE DT FLASH must be applied fully reinforced with the wet-on-wet system using EAGLE Matting, a fiberglass mat developed as a structural reinforcement for the EAGLE DT FLASH liquid PU membrane for waterproofing perimeters and detail areas, in combination with other membranes. The fiber's resins are activated upon contact with **EAGLE DT FLASH**, creating a 100% reinforced and bonded system. / **ECO-CLEANER** is a highly biodegradable multi-surface cleaner, ideal for cleaning tools.