

EUCOFLEX 300

SYNTHETIC RUBBER-BASED WATERPROOF THERMAL INSULATION COATING

DESCRIPTION

Eucoflex 300 is an advanced, multi-functional waterproofing and insulation coating formulated with synthetic rubber technology. By incorporating recycled rubber granules treated with high-pressure water jet technology, the product achieves superior performance while maintaining an eco-friendly profile. Up to 40% of the formulation is composed of recycled content, making it both sustainable and cost-effective.

The coating cures into a resilient, seamless film that delivers outstanding resistance to water penetration, thermal transfer, surface cracking, and abrasion. With its high flexibility and durability **Eucoflex 300** is suitable for a wide range of protective applications across concrete, masonry, plaster, metal, plastic, and roofing substrates.

OUTSTANDING FEATURES

- Forms a tough, flexible film resistant to water, corrosion, and thermal stress.
- Provides acoustic dampening and abrasion resistance.
- Excellent adhesion to various substrates including concrete, metal, and plastics.
- UV-resistant and weatherproof, ensuring long-term durability.
- Does not blister, peel, or crack under normal service conditions.
- Water-based formulation; safe, eco-friendly, and can be applied to damp substrates.
- Withstands occasional foot traffic after curing.
- Easy application using brush, roller, trowel, or airless spray.

RECOMMENDED USES

Eucoflex 300 can be applied as a protective coating in both interior and exterior projects. Typical applications include:

- As a finishing layer for concrete, cement plaster, masonry, stucco, and metal surfaces.
- Renovation or protection of old and weathered roofing materials.
- Wall, floor, and overhead surfaces where water resistance and thermal insulation are required.
- Suitable for residential, commercial, and industrial projects.

TECHNICAL & PHYSICAL DATA

Packaging	20kg/pail
Water Absorption (BS1881-122:1983)	0.78 %
Elongation (ASTM D412-06ae2)	>60%
Tensile Strength at peak (ASTM D412-06ae2)	1.6 N/mm ²
Thermal Transmittance (W/m ² K)	<0.1 W/m ² K
Form	High Viscosity Paste
Colour	Greyish-white
Resin	100% acrylic

APPLICATION METHOD

Surface Preparation

- Substrate must be sound, clean, and free from loose particles, oil, dirt, or mildew.
- Repair cracks, joints, and damaged surfaces prior to coating.
- Ensure the surface is dampened but without standing water. Avoid application during imminent rainfall.

Mixing

- Stir thoroughly before application.
- If necessary, add a small amount of clean water to achieve desired consistency.

Priming

- Apply a compatible primer depending on substrate condition.

Application

- Apply **Eucoflex 300** in a minimum of 2 coats.
- Use brush, roller, trowel, or spray. Back-rolling after spraying is advised to achieve even thickness.

Consumption

- On concrete roof: 0.4kg/m²/coat
- On façade/vertical: 0.2kg/m²/coat (min. 3 coats)

CURING

- Allow 4–8 hours drying time between coats depending on weather, humidity, and airflow.

CLEANING

- Tools and equipment can be cleaned with water immediately after use. Hardened material must be removed mechanically.

SAFETY & HANDLING

- Non-toxic, water-based formulation.
- Use protective gloves and goggles during handling and application.
- Avoid contact with eyes; if contact occurs, rinse thoroughly with clean water and seek medical attention if irritation persists.
- Wash skin with soap and water if accidental contact occurs.
- Ensure adequate ventilation when working in confined areas.
- Dispose of material waste in accordance with local environmental regulations.