



EXPRESS MEMBRANE

DESCRIPTION

Membrana Express is a styrene-butadiene waterproofing membrane mainly used to waterproof foundations, retaining walls, asphalt and bituminous felts, green roofs, walls affected by moisture, roof sealing systems, floors, and planters. Highly elastic for long-lasting waterproofing.

It is a waterproofing membrane that acts as an effective barrier against radon gas.

ADVANTAGES

- ✓ No primer is required, and it has excellent adhesion to all types of substrates, including ceramic tiles and concrete.
- ✓ Protects against moisture and leaks.
- ✓ It performs perfectly in immersion systems.
- ✓ It has high alkaline resistance.
- ✓ Excellent adhesive barrier on asphalt surfaces.
- ✓ Low VOC level.
- ✓ Thinner: water.
- ✓ Radon gas insulation.
- ✓ Test carried out at LaRUC laboratory, report no. 25423.

RECOMMENDED USES

Used as a waterproofing system covered with a polyurethane or anti-drip membrane, and also with a solvent, polyurethane, or epoxy system, where a W20 water-based epoxy primer is applied beforehand to prevent it from being stripped by the solvent.

It must always be covered to protect it from UV rays and in underground systems. It works perfectly as protection in damp areas such as bathrooms, kitchens, balconies, basements, and planters. It can be applied to concrete, metal, wood, asphalt membranes, etc.

PRESENTATION

Color: Black.

Semi-gloss finish.

15-liter containers.

TECHNICAL CHARACTERISTICS

Composition Fixed vehicle Styrene butadiene resins.
Pigments Black pigment and selected extenders.

Density 1.15± 0.04 kg/L

Solids by weight: 54± 2%

Solids by volume: 46± 2%

Coverage 1.2-1.5 kg/m² in several coats.

Drying To the touch 20 minutes.
Total 2 hours.
Repainting after 40 min.

Tests

The formulated product complies with the following standards:

- DIN 1048: Water penetration.....The result is: 0 mm, completely waterproof
- ASTM D 4541: Adhesion to the substrate until removal.....
 - After 3 days of curing: 1.3 N/mm².....≥ 0.2 N/mm²
 - After immersion in water for 7 hours: 0.7 N/mm².....≥ 0.2 N/mm²
- ASTM D 412: Tensile elasticity test.....
 - After 3 days of curing: 2.3 N/mm².....≥ 1.2 N/mm²
 - After 2 weeks at 50°C: 3.1 N/mm².....≥ 1 N/mm²
 - Elongation at break:
 - After 3 days of curing: 353.3 %.....≥ 150 %
 - After 2 weeks at 50°C: 329.9%.....≥ 120%
- ASTM D 2240: Hardness after 2 hours of curing, measured with a durometer (Shore A), with readings taken 5 times at 1-second intervals, with an applied thickness of 6 mm
 - 38.....≥ 30
- ISO/TS 116655-13:2017: RADON gas diffusion coefficient D= 6.0*10⁻¹³ (m² s⁻¹).

APPLICATION

Layers	3 or more layers.
Dilution	As used or a maximum of 5% with water
Application temperature	Ambient temperature from 5 to 30 °C.
Application tools	Air-graphic spraying equipment, airless, brush, paintbrush, roller etc. Shake well before use.

SURFACE PREPARATION

New surfaces: must be free of dust, oil, grease, dry, and free of salt efflorescence. Remove mold, fungus, and algae growth from the substrate with a mixture of water and chlorine in a 3:1 ratio, then rinse thoroughly with clean water and wait for it to dry completely before applying.

Old surfaces: in addition to the above considerations, paint residues must be removed. When applying to previously painted surfaces, defective and cracked areas must be sanded, filled, and leveled with the most suitable product from the Pinayplast line or the corresponding mortar.

CONSERVATION

Easy to homogenize by stirring after 12 months of storage in a closed container. Does not form skins or clots. Keep away from temperatures below 5°C.

SAFETY

Consult the label and Safety Data Sheet.



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