

DESCRIPTION

- ADEX HYDROFLEX WO membrane is a rubber-based liquid copolymer membrane.

USE

- HYDROFLEX WO membrane is used as a second barrier against water infiltration and as an air barrier component over approved substrates such as plywood, OSB (oriented strand board), glass-mat faced gypsum board and concrete or masonry walls.

PACKAGING

- 27.3 kg (60 lbs) plastic pail.

COVERAGE

- Up to 33.2 m² (357 ft²) per pail.
- Coverage will vary based on the substrate, the job conditions and the individual application techniques.

SURFACE PREPARATION

- HYDROFLEX WO must be installed over an approved substrate or over surfaces that have been specifically designed for the membrane.
- Surfaces must be clean, dry, and in good condition, without efflorescence, grease, oil or paint.

MIXING

- Ready to use.
- All other additives (antifreeze, accelerators, or otherwise) are strictly forbidden.

APPLICATION

- Applied with a trowel or a roller brush.
- A two-coat application is required for CCMC projects.

REQUIRED THICKNESS

- Minimum Thickness - Wet: 0.4 mm (16 mils).

Vapour Permeability

ASTM E 96-95: Requirement $\geq 170 \text{ ng/Pa}\cdot\text{s}\cdot\text{m}^2$

692 ng/Pa·s·m² ⁽¹⁾

Water Absorption (CCMC)

Requirement $\leq 0,004 \text{ kg}/(\text{m}^2 \text{ s}^{1/2})$

Pass. 0.001 kg/(m²s^{1/2})

Air Permeability

CNB section 5.4.1.2. and ASTM E-283: Requirement $\leq 0.02\text{L}/(\text{s}\cdot\text{m}^2)$

0,00064 L/(s·m²)

(1) The HYDROFLEX WO membrane does not constitute a vapour barrier.

- Properties
- Test Method
- Result

CLEAN UP

- Immediately wash tools with water while material is still wet. Hardened material will have to be removed physically.

CURING

- Approximately 24 hours under normal climatic conditions.
- Curing time varies according to the temperature and the relative humidity.

LIMITATIONS

- Ambient and surface temperatures must be kept at or above 5 °C (41 °F) for a minimum of 24 hours.
- During installation, minimise the containers' exposure to temperatures over 32 °C (90 °F).
- The HYDROFLEX WO membrane must be completely dry before ADEX insulation boards are installed.
- The HYDROFLEX WO membrane must be covered within a maximum period of 30 days.

STORAGE

- Protect material from direct sunlight, extreme heat and freezing temperatures.
- Store unused material in tightly sealed containers.

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