

DESCRIPTION

- ADEX HYDROFLEX VB membrane is a rubber-based liquid copolymer membrane. (The HYDROFLEX VB was previously known as HYDROFLEX VP)

USE

- HYDROFLEX VB membrane is used as a second barrier against water infiltration, as a vapour barrier 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

- 23 kg (50.7 lbs) plastic pail.

COVERAGE

- Up to 20.9 m² (225 ft²) per 23 kg pail.
- Coverage will vary based on the substrate, the job conditions and the individual application techniques.

SURFACE PREPARATION

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

MIXING

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

APPLICATION

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

REQUIRED THICKNESS

- Thickness - Wet: 0.68 mm (26 mils).
- Thickness - Dry: 0.42 mm (16 mils).

Vapour Permeability

ASTM E 96-95:

11 ng/Pa·s·m² ⁽¹⁾

Water Absorption (CCMC)

Requirement ≤ 0,004 kg/(m² s^{1/2})

0,00013 kg/(m² s^{1/2})

Air Permeability

CNB section 5.4.1.2. and ASTM E-283: Requirement ≤ 0.02L/(s.m²)

0,0001 L/(s.m²)

(1) The HYDROFLEX VB membrane is considered a vapour barrier material.

■	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 extreme heat (temperatures over 32 °C (90 °F)).
- The HYDROFLEX VB membrane must be completely dry before ADEX insulation boards are installed.
- The HYDROFLEX VB 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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