

DESCRIPTION

- ADEX HYDROFLEX STD membrane is a 100% acrylic polymer-based compound.

USE

- HYDROFLEX STD membrane is used as a second barrier against water infiltration and as an air barrier component over approved substrates such as glass-mat faced gypsum board and concrete or masonry walls.

PACKAGING

- 27.2 kg (60 lbs) plastic pail.

COVERAGE

- Up to 18.6 m² (200 ft²) per pail as a membrane only
- Up to 11.1 m² (120 ft²) per pail as a membrane and adhesive
- Coverage will vary based on the substrate, the job conditions and the individual application techniques.

SURFACE PREPARATION

- HYDROFLEX STD 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

- In a clean container, combine HYDROFLEX STD membrane with GU Type cement at a ratio of 1:1 by weight.
- Thoroughly mix to a homogenous state. Allow mixture to set up for 5 minutes and mix again to break the initial set.
- Small amounts of water may be added to adjust the consistency and workability. All other additives (antifreeze, accelerators, or otherwise) are strictly forbidden and may void warranties.

APPLICATION

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

REQUIRED THICKNESS

- 1.6 mm (1/16") as a membrane
- 2.2 mm (1/16") as a membrane and adhesive

Vapour Permeability
ASTM E 96-95: Requirement
635 ng/Pa·s· m ² ⁽¹⁾
Water Absorption
Requirement ≤ 0,004 kg/(m ² s ^{1/2})
Pass. ⁽²⁾
Air Permeability
CNB section 5.4.1.2. and ASTM E-283: Requirement ≤ 0.02L/(s.m ²)
0,0001 L/(s.m ²)
Adhesion
EIMA 101.03: Requirement ≥ 100 Kpa
Pass.

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

(2) The HYDROFLEX STD membrane meets CCMC standards.

- 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 TIME

- Approximately 24 hours under normal climatic conditions.
- Curing time is dependent upon the ambient and surface temperatures and the relative humidity.
- Protect from rain and freezing temperatures until fully dry.

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 above 32 °C (90 °F)).

STORAGE

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

PRECAUTIONARY MEASURES

- Use only with fresh, lump-free GU Type cement.
- Protect and mask surrounding areas from accidental contact with ADEX HYDROFLEX STD membrane.

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