

## VAPOBAR LIQUID

### Product description

VAPOBAR LIQUID is a single-component water-based acrylic bituminous liquid vapor barrier.

### Fields of use

VAPOBAR LIQUID is specifically indicated for the creation of a layer with a vapor barrier function and for bonding insulating panels (PUR/PIR, XPS, Expanded Perlite, EPS, Cellular Glass). It does not require the use of any type of primer.

### Technical features (dried product)

#### Product type

Ready-to-use single-component acrylic bituminous paste.

#### Aspect

Havana colored semi-opaque film.

#### Composition

Based on special elastomers and selected bitumen in water dispersion.

#### Specific weight

1100 ( $\pm 50$ ) g/dm<sup>3</sup>

#### Solids by weight

67%

#### Tensile strength

2,71 N/mm<sup>2</sup> - as per ASTM D 2370 Norm

#### Elongation at break

125% - as per ASTM D 2370 Norm

#### Elastic module

16,9 N/mm<sup>2</sup> - as per ASTM D 2370 Norm

#### Crack bridging

1,49 mm at 23°C – as per EN 14891 Norm

#### Water absorptionAssorbimento Acqua

12,38% in 7 days – as per ASTM D 471 Norm

#### Adhesion to Concrete

Pass the test - as per EN 1542 Norm

#### Water vapor permeability

56 g/(m<sup>2</sup>.d) – Class V2 – as per EN ISO 7783-2 Norm

#### Resistance to U.V. rays and the industrial atmosphere

Good

#### Diluent

Clean fresh water

### Application temperature

Avoid extreme hot/cold weather conditions

Tmin: + 5°C (minimum temperature of the installation surface)

Tmax: + 35°C

### Drying

60 – 120 minutes to touch

2 – 3 days for complete cross-linking

### Storage

Stored in original sealed containers and at temperatures not lower than 5°C, it has a stability of 12 months.

### Packaging

Buckets of kg. 20

### Consumption

3.00 kg/m<sup>2</sup> approximately

## Preparation of the product

In the state of supply the product is ready for use.

## Supports and surface preparation

Cement supports, fiber cement and porous building structures of various types:

Mechanical or manual cleaning in order to remove all foreign and non-adherent parts, followed by careful dusting.

## Application

- The application of the product involves the application of VAPOR LIQUID and is given with a toothed squeegee (5 mm) in rate of 3 kg/m<sup>2</sup>
- The installation of the insulating panels takes place immediately after laying, with the product still fresh.
- The adhesive setting is completed within 2-3 days, depending on the weather conditions.

Do not apply in unfavorable weather conditions. In any case, avoid using it in the event of rain, intense fog, or night drops that bring the temperature below +5°C.

In summer it is preferable to install the product in the cooler hours, avoiding working with ambient temperatures > 35°C.

**Warning:** when using, carefully follow the safety instructions on the label applied to the containers.

Rev. 00 (04-23)

Considerando le diverse situazioni d'impiego dei prodotti e l'intervento di fattori da noi non dipendenti (supporti, condizioni di esercizio, in osservanza delle prescrizioni, ecc.), non è possibile alla IMPER ITALIA srl assumere responsabilità in merito ai risultati ottenuti. Il progresso unito alla costante ricerca dei massimi livelli prestazionali possono apportare - nel tempo - modificazioni alle informazioni contenute in questo stampato, senza che la IMPER ITALIA srl debba darne preavviso a tutti gli interessati.

