



CONSTRUCTION CHEMICALS TECHNOLOGIES

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## VIMELAST®

### *Brushable elastomeric waterproofing*

#### *Properties*

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**VIMELAST** is an elastomeric, water-soluble waterproofing for surface coating based on high quality elastomeric resins offering absolute waterproofing quality and high elasticity.

- Very good bonding to all kind of surfaces, such as concrete, plaster, bricks, metals, wood and waterproofing layers, apart from those containing solvents
- High elasticity, bridging the created cracks and following all deformations of the building elements appearing in practice
- Its basic white colour reflects heat and helps in significantly reducing the ambient temperature during the summer
- Resistance to weather effects and aging due to resistance to ultraviolet radiation
- Does not require substrate smoothness
- Is the simplest and most secure solution in difficult waterproofing points (corners, edges, joints with spouts)
- Offers the greatest possible safety, as the created membrane covers the entire surface in a uniform way, without creating joints or seams that are the most problematic points of all other waterproofing procedures.
- Is highly resistant to the ambient acids and alkalis.

#### *Applications*

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**VIMELAST** waterproofs terraces, balconies, walls, wet places etc.

It is applied as a coating and creates a waterproofing high-elasticity and high-strength membrane with no joints or seams.

**VIMELAST** is not recommended for waterproofing of basements and tanks.

### ***Technical Characteristics***

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In accordance with the laboratory test carried out by the Central Public Works Laboratory (KEDE)

**Water permeability:** 7at for 24 hours (DIN 1048)

**Elasticity:** elongation at break for membrane thickness of 1mm > 200% (ASTM D-412)

**Resistance to temperature changes:** -15° C to +100° C.

### ***Substrate Preparation***

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- Substrate must be clean and solid, free of oily, loose materials (e.g. cement grout crust), dust, etc.
- The voids in concrete (nests, cavities) must be filled with the ready-mixed resin improved cement mortar **VIMACRET** or with cement mortar with the addition of the polymer latex **VIRESIN**.
- Joints or cracks can be filled with the acrylic mastic **VIMASTIC** or the acrylic putty **VIMACRYL SPACHTEL**.
- In order to achieve perfect bonding of **VIMELAST** to the substrate in porous surfaces, you should first prime with **VIM-PRIMER** (consumption about 200-300 g/m<sup>2</sup>). Priming can be done also with **VIMELAST** diluted with water in ratio 1:1. Over old bituminous coatings it is recommended to prime with the solvent based primer **VIM-PRIMER-S** (200 g/m<sup>2</sup>).

### ***How to use - Consumption***

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**VIMELAST** is applied using a brush or roll after the primer has dried, in 2 coatings, with a total consumption of 1,0-1,5 kg/m<sup>2</sup> depending on the substrate. On vertical surfaces a consumption of 0,5-0,8 kg/m<sup>2</sup> is sufficient.

Apply the second coating only after the first coat has dried and cured.

It is recommended to apply the second coat by cross lamination.

In areas of deep cracks and along these cracks, it is recommended to place fiberglass mesh or non woven polypropylene (PP) textile, 10 cm wide, as an additional reinforcement after the first **VIMELAST** coat. The film should be completely covered by another 2 coatings of **VIMELAST**.

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In difficult points where significant shifts are expected (expansion joints, leaking seams) a strong and flexible membrane of **VIMELAST** is created with the fiberglass mat reinforcement.

If the substrate has reduced strength or multiple cracks or if an increased strength of the waterproofing membrane to mechanical stress is required, a reinforcement of fiberglass mat or fiberglass mesh or non-woven PP fabric is applied to the whole surface. In this case increase **VIMELAST** consumption by 0,5-1,0 kg/m<sup>2</sup>. The reinforcement of the waterproofing membrane should not create voids, i.e. it must be fully bonded to the substrate and covered by **VIMELAST**.

### ***Colours***

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Basic colours: white, grey, and brick red

### ***Tool Cleaning***

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Tools are cleaned with water before **VIMELAST** dries.

### ***Storage***

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Store **VIMELAST** in frost-protected places.