

## Latex admixture - Bonding agent

### Description

LATEX is a polymer latex, used as an admixture to significantly improve the properties of mortars in several ways:

- Increases bonding to the substrate.
- Improves elasticity.
- Increases abrasion resistance.
- Makes mortars water impermeable.
- Eliminates shrinkage and prevents resulting cracks.
- Improves plasticity, water retention and workability of fresh mixtures.
- Improves resistance to chemicals and petroleum products.

### Fields of application

- Bonding layer between old and new concrete or mortar.
- Repair mortars and thin layers.
- Wear-resistant, dust-proof floor screeds.
- Waterproof cement mortars, resistant to water pressure.
- Plasters with high strength and water impermeability.
- Mortars with resistance to chemicals and petroleum products.
- Grouting mortars for natural stones.
- Mortars for forming grooves across wall-floor joints.

### Technical data

Color: white  
 Viscosity:  $\approx 50$  mPa.s  
 Density:  $1,00 \pm 0,02$  kg/lit

### Directions for use

#### 1. Preparation of substrate

The substrate must be clean and free of dust, loose materials, oil, grease or old plaster, paint, cement residues etc. It should be thoroughly dampened but without water accumulation.

#### 2. Application

LATEX is added into the mixing water of mortars. The mixing ratio of LATEX to water could be from 1:1 up to 1:5, depending on the desired effect and the technical requirements. LATEX solution should be added into the mixer first, before cement and aggregates, to avoid lumps.

### Packaging

LATEX is supplied in plastic containers of 1 kg, 5 kg, 20 kg and in drums of 150 kg.

### Shelf-life - Storage

18 months from production date if stored in original, unopened packaging, in temperature between  $+5^{\circ}\text{C}$  and  $+35^{\circ}\text{C}$ . Protect from direct sun exposure and frost.

### Remarks

- LATEX should be thoroughly stirred before use.
- Working time of mortars with LATEX is slightly increased.

## Volatile organic compounds (VOCs)

According to the Directive 2004/42/CE (Annex II, table A), the maximum allowed VOC content for the product subcategory h, type WB is 30g/l (2010) for the ready to use product.

The ready to use product LATEX contains max <30 g/l VOC.

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