

## KÖSTER® Latex

Plasticizer free dispersion for modifying mortars, creating bonding bridges and elastifying sealing slurries

### Product Description:

Turkish product name > KÖSTER Latex

KÖSTER Latex emulsion is a water based plasticizer free dispersion based on synthetic rubber compound.

KÖSTER Latex emulsion is compatible to all standard cements because of its non-ionic stabilisation.



### Applications:

- For the modification of cement based sealing slurries
- As a bonding bridge between new and old concrete
- As a general mortar and concrete additive increasing water retention, minimizing crack formation and increasing adhesion

### Advantages:

- It is used as an additive for cement based sealing slurries providing a plastifying effect and thus a smooth application. It increases the water retention and thus prevents a too fast curing, improves the bonding to the substrate, increases the elasticity and the resistance to aggressive components of the soil.

- It provides excellent adhesion to masonry, plaster, concrete and screed if combined with cement and sand.
- Creates bonding and repair mortars as well as thin bonding mortars.
- Mortar additive for levelling screeds up to zero levelling.
- Creates water-tight layers, e.g. repair plasters and screeds.
- Improves the flexural tensile strength of concrete and mortar considerably, by reducing contraction cracking.
- High abrasion resistance and creation of dust-free plasters and screeds.
- Considerable improvement of frost and thaw resistance of mortar and concrete.
- For the reduction of the permeability to oil and solvents.
- Improvement of the chemical resistance.
- As mortar additive and corrosion protection for metal surfaces.
- Resists sulphates, chlorides and rust.

### Instructions:

**Job Conditions** - Air and surface temperature for application of KÖSTER Latex must be 5 °C to 30 °C and must remain so for a minimum of 24 hours.

**Surface Preparation** - Surfaces shall not be below +5°C and must be clean, dry, structurally sound and free of efflorescence, grease, oil, form release agents and curing compounds. On painted surfaces, remove all blistered or peeling paint to a sound substrate. Remove all gloss by sanding.

Brush away dust and loose particles. Clean oily and heavily soiled surfaces with cleaning agents and remove them by subsequent watering. Sand blasting may be necessary. Wet the surface thoroughly, but avoid puddles.

### **Modification of cement based sealing slurries:**

Replace 15 - 20 % of the mixing water with KÖSTER Latex emulsion.

### **As a bonding bridge between new and old concrete:**

Mix KÖSTER Latex emulsion with a cement-sand mixture (1:2 or 3) and create a slurry

Apply it with a firm brush (on wetted old concrete surfaces).

Consumption app. 200 g/m<sup>2</sup> KÖSTER Latex emulsion.

### **General mortar and concrete additive:**

Gives mortar and concrete a plastic consistency acc. to valid DIN regulations.

Adding of 5 - 20 % KÖSTER Latex emulsion in relation to the cement weight will produce ultimate concrete and mortar properties.

Thinner coats require more and thicker layers less KÖSTER Latex emulsion. Mortars for featheredging and zero thickness applications can likewise easily be made using KÖSTER Latex emulsion.

The achieved mechanical properties depend considerably on the quality of the other components (cement, sieve line, amount of mix water and follow-up treatment).

Always, add KÖSTER Latex emulsion to the mix water.

### **Consumption:**

KÖSTER Latex \_\_\_\_\_ 200 g / m<sup>2</sup>

### **Packaging:**

KÖSTER Latex \_\_\_\_\_ 30 kg canister

**CE**  
Certificate



### **Cleaning of tools:**

Clean tools with water while KÖSTER Latex is still wet.

### **Notes:**

- Do not apply below +5°C or if temperatures below +5°C are expected within 24 hours.
- Do not apply on wet or frozen surfaces

### **Storage:**

KÖSTER Latex must be stored at +5°C to +30 °C in tightly sealed containers. Keep out of direct sunlight and protect from freezing.

### **Shelf Life:**

12 months.

### **Caution:**

Avoid contact with skin and eyes. Wear suitable protective clothing, gloves and eye / face protection. After contact with skin, wash immediately with plenty of water and soap. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. For additional references to safety-hazard warnings, regulations regarding the transport and waste management please refer to the relevant Material Safety Data Sheet.

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KÖSTER YAPI KİMYASALLARI İNŞ. SAN. ve TİC. A.Ş. GEBKİM Kimya İhtisas OSB Atatürk Bulvarı No: 6, (41455) Dilovası - KOCAELİ  16	
DOP NO: 026 EN 1504-2 <b>KÖSTER Latex</b> Plasticizer free dispersion for modifying mortars, creating bonding bridges and elastifying sealing slurries Coating application (C) 2.2	
Permeability to water vapour	Class II
Capillary absorption and permeability to water	W > 0,1 kg/m <sup>2</sup> h <sup>0,5</sup>
Pull Off	Crack closure or flexible systems without traffic load is 0,8 N/mm <sup>2</sup> to 0,5 N/mm <sup>2</sup>
Dangerous Materials	Materials 5.3 appropriate



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