

# LSK

## LIQUID PLASTER ADDITIVE

### PRODUCT DESCRIPTION

ISOWEIR LSK is a micro-polymer dispersion that minimizes molecular voids in cement mortars, ensuring waterproofing.

### AREAS OF USE

**In thin plaster mortars;** Reinforced concrete silos, water tanks, pools, treatment plants.

**In interior and exterior plasters;** used as an additive material to increase water impermeability.

**In screeds;** used as an additive material to obtain a non-cracking surface with high adherence even in 1.5 -2 cm thick screeds.

### APPLICATION

#### Surface Preparation:

##### In plaster mortars;

350 kg of cement is mixed with 1 m<sup>3</sup> of washed river sand of suitable particle size, then added to the prepared LSK powder mixture and stirred until a putty-like consistency is achieved before application. The application surface should be wetted 10-12 hours in advance. The prepared mortar is applied to the wet dry surface.

##### In screeds;

**1-Priming:** 1 portion of cement is mixed with 3 portions of river sand. The screed primer additive is mixed into the prepared powder mixture until it reaches a consistency that can be applied with a brush and applied to the floor with a brush. Thickness should be 1-2 mm.





**2-Screed preparation:** 350 kg cement is mixed with 1 m<sup>3</sup> river sand. LSK is added to the prepared powder mixture until a suitable consistency is obtained. Attention: The primed surface must not be dry during the screed application.

**Points to be Considered:** Eyes should be protected during the application. It is recommended to wear gloves. In case of skin contact, wash thoroughly with plenty of water and soap. In case of contact with eyes, consult a doctor.

## FEATURES, ADVANTAGES

- ◆ It creates a strong permanent base.
- ◆ It provides high adherence and elasticity.
- ◆ It provides high resistance to oil and salt solutions.
- ◆ It dries without forming cracks and improves wear resistance.
- ◆ It ensures long life of the paint in paint application.
- ◆ It provides high insulation.

## HEALTH AND SAFETY INFORMATION

- ◆ Please consider the hazard and precautionary statements indicated on the product packaging.
- ◆ Follow the guidelines specified in the product's safety data sheet.
- ◆ In case of unexpected health issues, consult the nearest healthcare facility.

## TECHNICAL SPECIFICATIONS

Color	White Liquid
Appearance	Translucent
Density (20 °C)	1,00 – 1,10 gr/cm <sup>3</sup> (TS EN ISO 2811)
Solid Matter (% Weight)	%20 (ASTM D 4209)
PH (25 °C)	8-9 (ASTM E70)
Application Temperature (°C)	+5 °C – 30 °C
Application Apparatus	-
Thinning Rate	None
Mixture Life (20 °C)	-
Amount of Use m <sup>2</sup> /kg	For waterproofing purposes, 5 kg Isoweir LSK is added into 20 kg fiber mortar and for screed purposes, 3 kg Isoweir LSK is added into 20 kg screed mortar.
Drying Time (20 °C)	Walk-on time for screeds 24 hours, Drying time for plaster 24 hours Full Curing 25 days
Packaging	20 kg Plastic drums - 50 kg - 110 kg drums
Storage Temperature	It should be stored in a place not exposed to direct sunlight, protected from frost, in closed packaging at 5 °C – 35 °C.
Storage Duration	1 Year
Quality Certificate	ISO 9001



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