



# UNIVERSAL PRIMER

ACRYLIC EMULSION BASED CONCENTRATE PRIMER, water-based, one component, transparent, suitable using for inner and outer surfaces is a universal primer.

## FEATURES

It penetrates the surface very well. By preparing a strong surface, it bonds the top coat paint to the surface, reduces the paint consumption and reduces the water absorbency of the plasters. It is a primer that also has a high adhesion performance in water-based waterproofing materials and wall putty applications.

## USAGE AREAS

- Concrete, aerated concrete, plaster, and similar raw walls,
- Old lime whitewashed, emulsion-based old interior and exterior painted surfaces are used.

## APPLICATION INFORMATION

**Surface preparation:** Before application, swollen, loose and unhealthy looking surfaces should be scrapped, oil and dirt should be wiped off with water. If the salt release continues on the surface, the application should not be carried out until the causes are eliminated

**Application method:** ISONEM UNIVERSAL PRIMER is mixed thoroughly until it is homogenous before use, and diluted with water 7 times by volume. It is impregnated to the surface by brush or roller as a single layer. It should wait for a primer drying time minimum of 4 hours for the topcoat paint or insulation product application and it should be done in 4-24 hours.

## TECHNICAL SPECIFICATIONS

- Density (25°C, g/mL) : 1,00 ± 0,10
- pH (25°C) : 7.0 - 9.0
- Viscosity (25°C, mPa.s) : 8000 - 10000
- Solid content (% Weight) : 50 ± 2
- Water transmission rate (kg/ m<sup>2</sup>. h<sup>0.9</sup>) : < 0,1 CLASS W<sub>3</sub>
- Adhesion strength by pull-off test (N/mm<sup>2</sup>) : Crack bridging flexible systems without trafficking ≥ 0.8, with trafficking 1.5 N/mm<sup>2</sup>
- Permeability to water vapour (m) : 5 ≤ S<sub>p</sub> ≤ 50 CLASS II
- Solvent : Water
- Color : Transparent
- Product consumption : 100 - 200 g/m<sup>2</sup> (diluted, variable according to the absorbency of the surface)
- Paintable (Coverage) Area : 1 kg: 5 - 10 m<sup>2</sup>/1 bucket, 5 kg: 25 - 50 m<sup>2</sup>/1 bucket, 10 kg: 50-100 m<sup>2</sup>/1 bucket, 15 kg: 75 - 150 m<sup>2</sup>/1 bucket
- Packaging & STORAGE : 1 kg, 5 kg, 10 kg and 15 kg PP Buckets.
- Storage temperature (°C) : 5 - 35 °C
- Shelf life : 24 months from date of production if stored in original, unopened, undamaged packages.
- Storage condition : Store tightly closed in a dry and cool place.

## ! IMPORTANT

The surface should be protected from rain, water, mechanical loads and impacts for 24 hours during and after the application.

It should not be applied in very windy and direct sunlight.

## APPLICATION CONDITIONS and RISKS

Things to consider during and after the application

The application surface must be clean and free from all impurities like dirt, oil, and mud. Apply a single coat to the surface and leave for 4 hours to dry before the other application.

Other ISONEM products recommended

X

Application temperature

It should be applied between 5 - 35 °C.



## General Features



Elastic Structure



B S1 d0 Fire Class



Excellent Adhesion



Fast Drying



CONCRETE



MARBLE, GRANITE



RAW WOOD



TILE, CERAMICS



MEMBRANE, SHINGLE



STEEL, METAL

	CONCRETE	MARBLE, GRANITE	RAW WOOD	TILE, CERAMICS	MEMBRANE, SHINGLE	STEEL, METAL
Application	Horizontal / Vertical	Horizontal / Vertical	Horizontal / Vertical	Horizontal / Vertical	Horizontal / Vertical	X
Surface Humidity	Dry surface	Dry surface	Dry surface	Dry surface	Dry surface	X
Application Tools	Roller, brush, spray	Roller, brush, spray	Roller, brush, spray	Roller, brush, spray	Roller, brush, spray	X
Primer Usage	X	X	X	X	X	X
Primer Consumption	X	X	X	X	X	X
Product Usage	1 Layer	1 Layer	1 Layer	1 Layer	1 Layer	X
Product Consumption	100 - 200 g/m <sup>2</sup> (Diluted)	100 - 200 g/m <sup>2</sup> (Diluted)	100 - 200 g/m <sup>2</sup> (Diluted)	100 - 200 g/m <sup>2</sup> (Diluted)	100 - 200 g/m <sup>2</sup> (Diluted)	X
Between Two Coats	X	X	X	X	X	X
Touch-free Drying	30 minute	30 minute	30 minute	30 minute	30 minute	X
Through Drying	4 Hours	4 Hours	4 Hours	4 Hours	4 Hours	X

Note : Drying times are approximate data, it may vary depending on ambient conditions.

