

Inprecem Isotermo KP is a light thermal insulating plaster for internal and external use, based on Portland Cement, expanded polystyrene balls, light aggregates and additives. Ideal for thermal and acoustic insulation and the elimination of thermal bridges.



SURFACE PREPARATION

The surface must be free of dust, grease, oil, friable materials and any factor that could compromise its adherence.

On CLS or low absorption surfaces apply **Inprecem Rinzaffo 25** or **Inprecem Inprebond** before plastering.

Make intermediate strips only using **Isotermo KP**.

PREPARATION AND APPLICATION:

Plastering machine: use a mixing shaft and a stator specific for lightweight plasters and a 14 mm cap, keeping the machine full.

Manual application: use a cement mixer (for no more than 5 minutes) or an electrical drill at low speed with 9.5/10 liters of water per bag until a smooth and lump-free mixture is obtained. Horizontal mixers can also be used.

Wait 5 minutes before use.

Apply a 1-1.5 cm layer of **Isotermo KP** before proceeding to additional layers.

On CLS/brick joints is recommended to use a fiber glass net. Surface scraping can be made with a scraping knife, a trowel or a float.

Smoothing can be done after 10 days using the following skim mortars:

Internal use: Inprecem **FL1/FL2**;

External use: Inprecem **FL5/FL6** (in case of colored finished in thickness), Inprecem **FL7/FL8/FL11/FL12** (in case of colored painting).

We advise to use a fiberglass mesh between the two layers of skim mortar.

CONSUMPTION:

kg 3/m² for every cm of thickness.

CAUTION:

Do not use <+5°C and >+ 35°C or under direct rain.

Protect fresh plaster from critical conditions (<+5°C and >+ 35°C) and direct rain.

Use **Isotermo KP** in its original state without adding any other product.

Excessive amount of water reduces mechanical strength and drying speed.

Use the entire content of a bag to ensure material homogeneity.

SUPPLY AND STORAGE:

Supplied in 12,5 kg paper bags.

Store unopened bags up to 3 months in a dry place.

**TECHNICAL FEATURES:**

Granulometry	< 2 mm	
Density	EN 1015-10	300 kg/m ³
Compressive strength	EN 1015-11	0,69 N/mm ²
Flexural strength	EN 1015-11	0,48 N/mm ²
Adhesion	EN 1015-12	> 0,15 N/mm ²
Water absorption by capillarity	EN 1015-18	0,2 kg/m ² · min 0,5 (W2)
Water vapor permeability	EN 1015-19	u=8
Thermal conductivity	EN 1745	0,057 W/m·k
Reaction to fire	EN 13501	F Class
Durability	NPD	

The data reported in this sheet refer to values found in laboratory tests (conditions T = 22 °C U = 65%).
Limit conditions on site could cause significant alterations of the values.