

Kimifloor ECO-FINITURA PLUS

Bi-component water-based poliurethane resin, transparent, with excellent hardness and scratch resistance for finishing layer of resin decorative floorings.



Scheda Tecnica rev.01_05/2025

DESCRIPTION

Kimifloor ECO-FINITURA PLUS is a glossy bi-component polyurethane aliphatic resin in aqueous dispersion with optimal resistance to ultraviolet rays, atmospheric agents, chemical aggressions, wear and high temperatures (until 140°C).

The product becomes a continuous, anti-acid, anti-carbonation, anti-dusting and anti-wear film coating. It is supplied in two pre-dosed packages (A + B), of which the "A" part is oversized to allow an easy mixing.

ADVANTAGES

- Excellent resistance to ultraviolet rays, atmospheric agents, chemical aggression, wear and high temperatures (up to 140 ° c);
- anti-acid, anti-carbonation, anti-dust, wear-resistant protective coating.

USES

Protective finishing of resin coatings and floors.

CERTIFICATIONS

CE marked product as protective coating type C in compliance with the EN 1504-2, MC and IR principles of intervention.



APPLICATION

	Roll or brush application		Overpainting time: 6-24 h; Complete hardening time: 7 dd
	Mechanical device application		
	Thickness per coat: < 1 mm for horizontal application		

In case of application on existing or new resin coatings (in this last case only after more than 24 hours from their realization) it is necessary to sand the support.

For the preparation of the product pour the component "B" (hardener) into the "A" component (resin), mix carefully with a low speed drill (200-300 revolutions per minute) until a perfect amalgam is obtained.

In the case of fractional mixing, respect the proportions by weight (and not by volume) indicated in the packages. It can be applied by brush, roller or airless pump on dry, clean and compact surfaces, free from products that release in general.

In the case of applications in several hands, if there is a time exceeding 24 hours between one pass and the next, it is necessary to sand and carefully aspirate the support before reapplying the product.

CONSUMPTION

0.1 Kg/m²/coat

PACKAGING

Cop: A: 3 Kg + B: 0,855 Kg

Kimifloor ECO-FINITURA PLUS is available in matt and satin versions.

STORAGE

Protect from humidity; store it in hermetically closed packages in a sheltered and dry place. In these conditions the product is stable for 24 months.

CHARACTERISTICS	TYPICAL DATA
Min temperature of application	+5 °c
Operating temperature	-30 / +100 °c
First hardening at 20°C	24 h
Pot-life	1 h
Overpainting time	6-24 h
Walkability time	24 h ca.
Fuori polvere	4-6 h
Complete hardening at 20°C	7 days
Frost time (200g at 20°C)	30 mins
Number of components	2 (a+b)
Viscosity (a 20°C e 20r.p.m.) UNI 8490-3	400 - 1000 mpa·s
Water absorption coefficient (UNI EN 1062-3:2008)	Class w ₃ - low permeability
Vapour permeability (UNI EN ISO 7783:2012)	Class V ₂ – average permeability
Apparent volumetric mass UNI EN ISO 2811 -1	1,45 ± 0,05 g/cm ³

The information and requirements indicated in this Technical Data Sheet are based on our current knowledge and experience and are to be considered, in any case, purely indicative. They cannot guarantee the final result of the applied product and they have to be confirmed by exhaustive practical applications; therefore the user must test the suitability of the product for the intended application and its purpose. Users must always refer to the latest version of the local technical data sheet related to the product.

CHARACTERISTICS	EN 1504-2 LIMITS COATING C, PRINCIPLES MC AND IR	TYPICAL DATA
Adhesion to concrete UNI EN 1542	Flexible systems without trafficking >0,8 Mpa; with trafficking >1,5 Mpa. Rigid systems without trafficking >1 Mpa; with trafficking >2 MPa.	> 2 N/mm ²
Permeability UNI EN ISO 7783-2	Class I (permeable to vapour) Sd < 5 m Class II 5 m ≤ Sd ≤ 50 m Class III (not permeable to vapour) Sd > 50 m	Class I
Capillar absorption and water permeability UNI EN 1062-3	< 0,1 Kg/m ² ·h ^{0.5}	< 0,1 Kg/m ² ·h ^{0.5}
Reaction to fire class	Declared value	B FL- S1

WARNING

Product intended for professional use.

Do not apply quantities superior to 100g/m² for each coat, on powdery, friable, wet or oily and greasy supports. Please respect the times of over-coating (3-5 h).

For further information and advice on safe handling, storage and disposal of chemical products, the user must refer to the most recent Safety Data Sheet, containing physical, ecological, toxicological and other data related to safety. All technical data shown in this Technical Data Sheet are based on laboratory tests. Actual measurement data may vary due to circumstances beyond our control.