



Kimifloor ECO-FINITURA

ST5-0221

One-component, water-based polyurethane resin, transparent, used for finishing resin floors and decorative coverings



DESCRIPTION

Kimifloor ECO-FINITURA is a one-component water-based polyurethane finish available in matt (Gloss 20) and satin (Gloss 50) versions. It can be pigmented on site. It is CE marked as a protective coating according to 1504-2, MC and IR intervention principles.

ADVANTAGES

- Single-component, ready to use

USES

Kimifloor ECO-FINITURA is used over the last coat of **Kimifloor ECO-BASE** (after 3-4 days of its application and after sanding and vacuuming).

In case of multi-coat applications, after more than 24 hours between one coat and the next one, it is necessary to sand and vacuum the substrate carefully before reapplying the product.

The cycle must always be completed with a last coat of **Kimifloor ECO-FINITURA PLUS**.

APPLICATION

	Roller or brush application		Overpainting time: 2h; Walkability time: 24h.
	Mechanical device application		
	Thickness per coat: < 1 mm for horizontal application		

Apply by brush, roller or airless pump on dry, clean and compact substrates, free from any release products in general, sanded and vacuumed.

CONSUMPTION

50-100 g/m²/coat

PACKAGING

Cop 5 Kg

STORAGE

Do not store the product at temperature < 5°C (fears frost) and > 35°C.

Characteristics	Typical value
Viscosity Brookfield at 25°C (ASTM D 1824)	150 – 250 mPa*s
Color Gardner (ASTM D 1544)	2 max
Appearance (ASTM D 2029)	Clear liquid
Theoretical dry residue	34,00%
Active substance content	100,00%
Flammability point (ASTM D 93/66)	155°C
Density at 25°C	1,01 g/cm ³
Pot-life at 25°C on 200 g mass	25 mins.
Scratch resistance UNI 9428	Level 5 on a scale of 1 (the worst) to 5 (the best)

Abrasion resistance Taber UNI 9115	498,75
Wear levels UNI 9115	55,32%
Resistance level UNI 9115	Level 5 on a scale of 1 (the worst) to 5 (the best)
Drying time	Re-paintable after 2 h, sadable after 8 h, Walkable after 24 h

the product.

Mechanical characteristics	Typical value
Load on compression	105 mPa
Load at bending	130 mPa
Heat distortion temperature (HDT)	75 °C

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.

Not suitable for dustproofing treatments on concrete floors. 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. 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