

FINISOL COLOR

Coloured solventborne aliphatic polyurethane coating

(A + B)

Description

Coloured product based on aliphatic polyurethane resins.

It resists against:

- UV
- Acid rains
- Acids

FINISOL COLOR forms a film with good flexibility, suitable to be applied on metal surfaces.

Usages

Painting of concrete substrates.

Top Coating for resin floors.

Anti-corrosion treatment for concrete and iron structures.

Anti-dust treatment for concrete and bricks surfaces.

Coating for garages and battery warehouses.

Preparation of the substrate

- Concrete substrates have to be solid, leveled, absorbent, not polluted by oils, dust or any other substances. Abrase or shot-blasting.

- Fill eventual holes or imperfections with **PAVIRAPID** or **SIVITCOL**.

- Floors with tiles have to be abraded till the surfaces is mat and then treated with a layer of **FONDOFLEX**.

- Already existing resin coatings have to be abraded or shot-blasted, and then cleaned up.

- Metal surfaces: mechanical preparation and layer of **FERWATER** has to be applied

N.B.: As top-coating for resinous coverings it is advisable to check the over-coat time of the existing product.



Application

Put the two components (A+B) into a container and mix them with a drill mixer for at least 1 minute.

Apply it by roller or brush.

In order to obtain an anti-slip surface, add 5-10% of **QUARZO B0** (or **B1**) or the 3-5% of glass microspheres.

In case the coatings is constantly in contact with acids, add 30% more of part "B" in the mixture.

On **FINISOL COLOR** the **FINISOL CLEAR** cannot be applied as there could be wettability problems.

WARNINGS:: the product is solventborne, therefor use personal protection of the respiratory tract by using active carbons masks.

Technical Data

Color		As RAL card
Odor		Strong
Density	(RAL 7038) a 25°C	1,30 +/- 0,05 g/ml
Solid content	(RAL 7038)	68,5% in weight and 59% in volume
Viscosity	(RAL 7038) a 25°C	550 +/- 100 mPascal (Spindle 2, rpm 50)
Pot-life	at 35°C	> 2 hours
	at 25°C	3 hours
	at 7°C	> 6 hours
Tack free time	at 35°C	3,5-5,5 hours
	at 25°C	8-10 hours
	at 7°C	24-28 hours
Walk-on time	at 25°C	24 hours
Overcoat	at 25°C	min. 12 hours and max. 36 hours
Consumption		0,100-0,200 kg/sqm
Mixture ratio in weight		A=100 B=21
Mixture ratio in volume		A=100 B=26
Application conditions (*)		Temperatures between 7°C and 35°C and U.R. < 60%
Solvent to clean the tools		Solvent UNI
Storage		12 months. Keep it in a dry place at a temperature between 5°C and 30°C. Component B is sensible to the humidity of the air.
Maintenance		To clean the surface use neutral cleaners

(*) **FINISOL COLOR** have to be applied at a temperature from the substrate of at least 3°C higher than the dew point.

WARNINGS:

Colours like yellow, orange or some type of red might require several layers before obtaining a good covering effect (in some cases it is advisable to apply one first layer of white).

Different batches from the same colour can show few differences: when possible, use material from the same production batch.

Some colours from organic pigments (reds, blues, greens, dark yellows, ...) have the tendency of losing colour when abraded (either on dry or on humid). In such a case it is advisable to protect the colour with a layer of transparent top coating.