

Re-Vive

Epoxy finish for horizontal and vertical surfaces in interiors.

GENERAL FEATURES

Re-Vive is a two-component, tintable, semi-polished protective finish for interiors. Thanks to its properties of high surface hardness and abrasion resistance, it is suitable for the painting of concrete surfaces, new or already treated, in residential, commercial and public areas and, in general, in high traffic areas. **Re-Vive** is characterized by high resistance to detergents, solvents, oils and greases.

USES

Re-Vive can be applied on:

- new or already painted concrete surfaces
- lime and cement plasters
- ceramic surfaces

Surfaces must be adequately prepared in accordance with the procedures set out in the 'SUPPORT PREPARATION AND APPLICATION' paragraph.

Do not apply on fresh substrates, ceramic sanitary ware, shower tray, klinker and Grés porcelain surfaces.

IDENTIFICATION FEATURES

Binder nature: epoxy two-component
Re-Vive Component A: epoxy resin in water solution.
Re-Vive Component B: hardening agent in water solution.
Density UNI EN ISO 2811-1:
Re-Vive Component A white: 1,40±0,05 kg/l
Re-Vive Component A Neutro: 1,27±0,05 kg/l
Re-Vive Component B: 1,05±0,05 kg/l

PERFORMANCES

Gloss EN ISO 2813: 55±5 reading angle of 60°, semi-glossy
Drying time (at 25°C and 65% U.R.): touch dry in 4 hours; over-coatable after 24 hours and before 48 hours.

HACCP compliant according to the requirements of Reg. CE 852/2004

Indoor Air Quality: A+

MIXTURE PREPARATION

Homogenize **Re-Vive Component A** from any sedimentation. Pour **Re-Vive Component B** into **Re-Vive Component A** and mix for about 2 minutes using a mechanical mixer with screw under slow stirring.
The obtained mixture must not contain lumps, unmixed portions of the two components or impurities.
Catalyze only the amount of product necessary for the application of each layer and use one package at a time (component A + component B).
Do not add more water to extend the workability of the product (Pot life).

DILUTION

Dilute the obtained mixture (**Re-Vive A+B**) with 20% of water in the first layer and with 10% of water in the second layer.
Pot life of the mixture: about 2 hours at 20°C, 1.5 hours at 25°C; 1 hour at 30°C; do not add more water to extend the pot life of the mixture.
After mixing and diluting the two components, let the mixture set for at least 5 minutes before applying it.

WARNINGS

Properly mix the product before the application.
Do not apply on fresh surfaces; wait for the adequate maturation time, generally of 4 weeks.
Do not apply in the presence of rising damp.
Re-Vive is a smooth product, if necessary, the clutch must be guaranteed by the roughness of the substrate.
To avoid the formation of shading, apply the product continuously, avoiding touching up surfaces already applied with a roller or brush when the product starts filming.

SUBSTRATE PREPARATION AND APPLICATION

(Ref. to environmental conditions T=25°C, UR=60%)
The surface must be dry and free of dust and salt stains.
If necessary, the support can be reworked or consolidated with specific products. Level the irregularities in the support.
In the presence of mold, treat the surface with special products.
Remove any efflorescence and peeling parts of old paints by brushing or washing.
Remove dust, smog and other deposits by brushing.
On absorbent mineral substrates it is recommended to apply, with a brush, a coat of **Wall2Floor Primer** epoxy primer diluted 1:4 with water.
On clean and dry surface apply, with roller or brush, apply one coat of **Re-Vive**.
Wait for the complete drying of the surface and apply, with roller or brush, a second layer of **Re-Vive**.
Can be walked on after at least 24 hours; complete hardening after 7 days.

Ceramic surfaces:

Horizontal tiled surfaces should be abraded to a completely matt surface.
Clean surfaces thoroughly with alkaline professional degreasers (pH≥12) and rinse thoroughly with water.
On a clean and dry horizontal surface apply, with roller or brush, a first coat of **Re-Vive Neutro** (transparent).
Wait for the complete drying of the surface and apply, with roller or brush, the two layers of **Re-Vive**, respecting the drying and overpainting times.
Tiled vertical surfaces must be clean and dry.
Apply, with roller or brush, two coats of **Re-Vive** respecting the drying and overpainting times.

In case you want to create a color that requires the use of the transparent base, it is necessary to apply a first coat of **Re-Vive Neutro** (transparent) not colored and diluted with 5% of water. Then, on a completely dry surface, proceed with the application of the two layers of colored **Re-Vive**, following the procedures described above.

The first cleaning operations must be carried out after hardening and, in general, at least after a period of 7 days (calculated at an average temperature of 25°C and a humidity of 60%).

RECOMMENDATIONS

The material must be applied protecting it from frost and strong temperature changes during the whole application cycle.
Do not apply with air, substrate and product temperature lower than +10° C or higher than +30° C, neither under direct sunlight nor on hot surfaces (even if already in the shade).
The humidity of the environment must be < 75%;

the humidity of the substrate must be < 5%.

It is recommended to finish each work using the same batch of production. In case of use of different batches, it is advisable to mix them in order to avoid slight differences in shade.

To increase the covering power in yellow, red and orange shades, it is advisable to apply a first layer obtained from the mixture of component A white + component A tinted, with a ratio of 1:1, catalyzed and diluted.

For the correct use of the mentioned materials, dilution and installation, please refer to a careful reading of the relevant technical data sheet.

During all phases of preparation of the substrate, products and application, the correct use of equipment and personal protective equipment (dpi) is recommended.

TOOLS CLEANING

With water, immediately after their use.

YIELD

Re-Vive: 8-10 mq/l for each layer, referred to irregular and absorbent surfaces.

The actual yield should be determined by a preliminary test on the specific substrate.

COLORS

White and selected colors from **ColorNow** collection.

PACKAGES

Re-Vive Component A white: 2,5 l

Re-Vive Component A Neutro (transparent): 2,35 l

Re-Vive Component B: 1,5 l

SHELF LIFE

The product should preferably be used within 12 months from the date of production if stored in the original unopened containers and at temperatures between +10°C and +30°C.

SECURITY PROCEDURES

Directive 2004/42/CE:

Re-Vive by Novacolor (two-component paints with high performances)

EU limit value for Re-Vive by Novacolor (cat A/j): 140 g/l (2010)

Re-Vive by Novacolor contains 30 g/l of VOC maximum.

Causes skin irritation. Causes severe eye irritation. It can cause an allergic skin reaction. The product must be transported, used and stored according to current hygiene and safety regulations; after use do not disperse the containers in the environment, leave the residues to dry completely and treat them as special waste. For more information, see the MSDS.

N.B. - SAN MARCO GROUP guarantees that the information in this sheet is provided to the best of its experience and technical and scientific knowledge; however, it cannot assume any responsibility for the results obtained from its use as the conditions of application are beyond its control. It is advisable to always check the actual suitability of the product for the specific case. This cancels and replaces any previous tab.