

# Application instruction

for Transparent-Coloured Resysta® Glaze Floor Varnish Glaze FVG - C (Colour Shade)



1. Resysta Floor Varnish Glaze FVG-C is delivered ready-mixed, and must not be diluted. With one liter Floor Varnish Glaze FVG approx. 10-15m<sup>2</sup> Resysta surface can be painted, depending on application process and side used (smooth or corrugated).
2. The basis of Resysta Floor Varnish Glaze FVG-C is a varnish system diluted with water and dyed with high-quality transparent pigments. The overall colour shade for transparent glazed surfaces is reached by interaction of the subsurface shade and the transparent colour shade of the finish. The overall colour shade is dominated by the applied quantity of pigments.
  - Once dried, the water diluted varnish system cannot be dissolved anymore.
  - Drying of Resysta Floor Varnish Glaze is a physical process (evaporation of the dissolver/water).
  - The optimum processing temperature is between 5°C and 20°C at a humidity of ca. 50-60%.
  - During the physical drying time (evaporation of water), the climatic conditions directly influence the behaviour of the finish.
  - Higher temperatures, low humidity, wind, direct sun and a warm subsurface accelerate the drying process extremely.

**Recommendation:** In order to ensure a smooth surface, we recommend to apply the finish before installation at low humidity and to avoid higher outdoor temperatures.

- If the surface is treated a second time with the pigmented finish after drying, the overall colour shade is increasingly influenced by the finish shade and thus becoming more intensive.
  - If the surface is partly dampened with the pigmented finish, the colour shade is changing at the corresponding point and this leads to optical staining.
3. Pre-Treatment:

The installation area needs to be dry, firm and free from pollution and other substances. Clean the surface from pollution after installation with a sandpaper grain 100-120. Shiny spots caused during installation or transport should also be removed by means of slight sanding.
  4. Remove abrasive dust.
  5. Painting

**First of all, Resysta Floor Varnish Glaze FVG-C (Colour Shade) needs to be stirred well or shaken vigorously.** Apply the finish with a broad brush, e.g. Resysta Surface Brush, evenly from one side to the other (not circular), in order to ensure a smooth grain and gloss. Please adhere to the application quantities (material consumption 70-80 g/m<sup>2</sup>). In case of uneven or excessive application of the material, a difference in colour shade can occur.

**When treating the corrugated side, please make sure to wet the whole surface evenly.** When applying, the finish should be dispersed in one stroke in fibre direction. Depending on the temperature and weather, one should not walk on the fresh surface for at least 1 hour. Avoid any contact with water and humidity within the first 8 hours (to avoid white stains).

## ATTENTION:

As mentioned under point 2, the drying of the finish is influenced by different ecological factors. Therefore, especially for larger areas, steady conditions need to be observed in order to avoid stains (owing to double application).

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6. In order to ensure a smooth and optimum result, the finish shall be applied under steady conditions.

Therefore, we recommend to apply the finish before installation, plank by plank, sheltered from sun and rain.

7. Cuts and injuries after installation:

After installation, the surface shall be checked for any damage caused during installation. Scratches or small injuries of the surface can be mended by pouring some finish onto a towel and treating the corresponding point. In case of cuts, millings or dowels etc., the surface can be sanded (grain of sand paper 24) in longitudinal direction. Subsequently, re-sand and even again with a paper grain 100-120 (like described above) and apply the finish with a brush on the corresponding part.

8. However, if it is not possible to apply the finish before installation owing to whatever reason, we recommend the following:

- Do not process under direct sun
- Mark smaller units of approx. 4-5m<sup>2</sup> at the grooves
- Dilute Resysta Floor Varnish Glaze FVG-C (colour shade) 1 : 2 with water and apply lusciously, in order to defer the drying time
- In order to achieve the desired colour shade, the diluted Resysta Floor Varnish Glaze FVG-C possibly needs to be applied two times

**WHEN TREATING THE CORRUGATED SIDE PLEASE CONSIDER THE FOLLOWING:** During drying time, the finish accumulates in the grooves and is thus drying more slowly there. If the finish has already dried upon the striations, but not in the grooves, please do not paint over the plank again, since this can lead to stains owing to double application.

## Increased Resistance:

In order to increase the mechanical and chemical resistance the surface can be sealed with the 2 Component Resysta Floor Sealer RFS sealing.

## Instructions for Use:

The effectivity of sealing is subject to wear and tear. The individual duration of the application depends on the coat thickness and the intensity of use. Substances on the surface, such as small stones, will have a sanding effect and may leave scratches. An appealing look of the surface requires regular cleaning and care. Non UV resistant coatings cannot completely be protected by Resysta Floor Varnish Glaze FVG (colour shade) from yellowing or fading owing to sun. UV resistance mainly depends on the quantity of pigments applied. Darker colours offer higher protection than light ones. Faded, weathered or mechanically strained surfaces can easily be refreshed by applying a thin coat of Resysta Floor Varnish Glaze FVG (colour shade).

## Colour Shade Advice:

The colour shade in question depends on the quantity of finish applied and the preparation of the surface. We do not assume any liability for variations in colour. Examine colour shade before application. Only then, the material should be applied on a large-area.

## Safety/Disposal:

Safety data sheet available upon request.

For safety and disposal advice please refer to the safety data sheet.

The above information regarding properties and application is provided to the best of our knowledge, experience and on the basis of the latest developments. Owing to the versatility of the material, however, there may be possible applications that had not been addressed specifically in this technical data sheet and, therefore, we will not assume responsibility nor liability of applications not addressed. The suitability of the product depends on the condition of the ground. The user is responsible for appropriate storing, application and disposal. All information and data stated above become invalid with the release of an actualized version.

Issued: September 2010