TECHNICAL DATA VL3D VETRO LIQUIDO 100/60

Issued on 07/07/2015 - Rev. n. 1 of 07.07.2015

1. Product description:

- VL3D GLASS LIQUID is a low-viscosity bi-component resin of the last generation with remarkable hardness and crystalline color. Does not undergo any variations in contact with water. It has a remarkable chemical resistance, which is necessary for marine applications. VL3D LIQUID GLASS is born to protect and beautify floors and walls in 3D Cement

2. Features

- Excellent bonding power
- Excellent waterproofing power
- Excellent resistance to UV rays
- Easy to apply
- resistant to marine environments
- mechanical strength

2. Resistance to chemical agents:
    - resistant to marine atmospheres even in the presence of a chemically aggressive environment.

Temperature resistance:

- dry up to + 90 ° C.

Application:

- on healthy, clean and dry media.
- apply a brush, roller Mohair 04, conventional spray, airless, casting.
- spray application: with pressure equipment; 1.5-2 mm nozzles, 3-4 bar pressure;
- airless spray application: nozzles with 0.45 hole approx. mm, pressure 180 bar; spray angle 68 ° -80 °. Distance from surface 15-30 cm.

4. Technical information:

- Excellent impregnating power
- versatile
- application and drying temperature between +10 and 38 ° C. both of the support and surrounding environment; apply at a temperature of at least 3 ° C above the dew point that must be measured near the support to be treated.

- VL3D GLASS LIQUID is sensitive to relative air humidity during drying; The performance will be much better as the relative humidity of the air is lower during drying.
- If you decide to apply VL3D GLASS GLASS to two layers, the waiting time between your hands at + 20 ° C varies between 24 hours and 6 days beyond which the product tends to become excessive and needs to be wrinkled before overpressing.
- VL3D LIQUID GLASS can also be applied "casting" with a thickness of 1mm to 20cm.

Times to be overwhelmed are greatly influenced by the applied thickness, temperature and ventilation during drying; variations of these parameters may make it necessary to lengthen drying times.

If the drying time is insufficient, the applied product may become wrinkled, crack, form strips, lift up and trap air bubbles inside the created film.

5. Drying at + 20 ° C:

- dust out after 3 hours; hardened in 5-6 days, drying is affected by the applied thickness, the ventilation and the temperature during drying; Full drying is achieved over several days.

6. Preparation of VL3D GLASS LIQUID:

- Before mixing, carefully mix until the bottom of the package; mix and mix thoroughly the component A 1.5 parts by volume = 5 parts by weight with component B 1 part in volume = 3 parts by weight

7. Cleaning the tools:

- with alcohol

8. Conservation:

- Covered, in a well-sealed original pack, at a temperature of +8 and + 36 ° C.
- Component A: 2 years; Component B: 1 year.

9. Returns and other technical data:

- Practical yield for waterproofing: 16 m² / liter = 0.063 liters / m² (40 µm thick) on non-absorbent surface
- Specific weight: 1.38 ± 0.05 at 20 ° C.
- Dry residue: 99% ± 1
- Pot-life: 2 hours at 20 ° C.

10. Packing:

- 0.750 liters (0.451 liter component A + 0.299 liters component B)
- liters (1.502 liters component A + 0.998 liters component B)

The above data and descriptions are based on our precise studies and experiences. However, we can not assume any responsibility in general because application systems and product uses are normally outside our control. In any case, it is recommended to regulate the application of our products to the nature and condition of the media to be treated and to examine the suitability of the product by sample testing. The data contained may vary at any time without prior notice from Nikkolor Italia. Updates will be published on www.nikkolor.net