

C098S POLYURETHANE FINISH FOR GLASS

Code R46.92.SERIE

PRODUCT DESCRIPTION

3-components polyurethane finish for glass, transparent or pigmented; glossy, satin, matte, smooth or embossed.

APPLICATION FIELDS


The main properties of the product are:


- High surface hardness
- High resistance to scratching and abrasion
- Excellent light fastness even in external
- Fast drying and perfect adhesion
- Excellent resistance to weathering and chalking
- Excellent resistance to thermal stresses
- High resistance to alkalis, acids, staining, water, industrial domesticated detergents. After complete curing of the product withstands stearic waxes also heated.

PRODUCT SPECIFICATIONS

| | | |
|--|---|-------------------|
| Dry content | 60% ± 10% depending on the color | (Internal system) |
| Viscosity BRK at 20°C | 10000/12000 mPas | (UNI EN 535) |
| Specific gravity | 1200 ± 50gr/ml depending on the color | (UNI 8910) |
| Theoretical coverage | 140-160 gr/m ² at 25 µm thickness 5-7 m ² /kg | |
| Recommended thickness | 20/30 µm | (gloss a 60°) |
| Film appearance | According to requests for gloss or any embossing | (UNI 2409) |
| Adhesion (cross-cut test) | Classification GT0 | (UNI2409) |
| (The edges of the cuts are perfectly intact: no handle came off) | | |
| Hardness | >3H | |
| Dry content catalyst | 55,0% ± 3% in weight | |
| Pot-life | 6-8 hours at 20°C | |

APPLICATION PROCESS



| Mixing ratio | | |
|---|--------------------------------------|-----|
|  | 46.92.serie C098S | 100 |
| | Hardener (C101) 61.01.0863.0 | 25 |
| | Adhesion promoter C100 80.1.94.1.234 | 3-5 |

| Modality | | Vix of application CF4 at 20°C |
|---|---|--------------------------------|
|  | Airbrush Injector 1,-1,6 mm Ø Pressure 2,0 - 4 bar | 18"/12" |

It is not recommended to use the product at temperatures lower than 10 ° C and with high humidity. After mixture and dilution wait a few minutes before spraying. The paint catalysed in the reports provided by the sheet is applicable with electrostatic apparatus, after preliminary tests to optimize the use of suitable diluents.

The user must indicate the values of resistivity or conductivity of its electrostatic system. This is necessary in order to optimize the application of the product adapting it to the painting plant characteristics.

DRYING

| | | | |
|------|---|--------------------|-------|
| Air |  | Dust free 15'-20' | 20°C |
| | | Tack free 1,5/3 h | |
| Oven |  | Through drying 30' | 140°C |

NOTES

For any other information, please refer to the appropriate Material Safety Data Sheet.

IMPORTANT NOTE: The information in this sheet are not intended to be exhaustive and is based on our current knowledge and on current laws: anyone who uses the product for purposes other than those specifically recommended in the data sheet without first obtaining written permission, does it at his/her own risk. This information is given only as a guide and cannot engage the responsibility of our company nor provide a pretext for disputes of any kind that might still be associated with the use of the described products. Any suggestions or statements made by us regarding the product (in this sheet and in other ways) are correct to the best of our knowledge, however, are beyond our control the quality or state of the substrate or the many external factors affecting the use or application of the product. Consequently, in the absence of a specific written agreement, we accept no liability for product performance or for any loss or damage caused by it. All products and the technical advices provided are subject to our standard terms and conditions of sale. The information contained in this form are subject to periodic changes in the light of experience and our policy of continuous development. It is user's responsibility to check that this sheet is current prior to using the product.