

**SCHEMA TECNICA N°332**

## **SCUDO POLIURETANICO MATT OPACO**

Water based two-component paint

### **DESCRIPTION**

SCUDO POLIURETANICO MATT OPACO is a water based two-component polyurethane made with special resins and formulated to increase cross-linking, rapid hardening and long pot-life.

Moreover it offers good retention upon UV exposure with optimal resistance to yellowing and chalking. Highly weather resistant and to dilute chemicals.

This product has been designed for OPACHI final layers on epoxy and/or epoxy-polyurethane cycles, in order to maintain light fastness and to prevent the chalking deterioration of the underlying substrate.

It can also produce a "wet" effect on absorbent substrates. To avoid this, it is advisable to first apply SCUDO I, which is the primer that protects the color.

Operating temperature: -10 ° C. to + 40 ° C.

### **APPLICATION**

CATALYSIS RATIO:

Combine 100 parts by the basis weight SCUDO POLIURETANICO OPACO with 15 parts by weight of SCUDO CAT MATT catalyst. Mix well the two components with a slow speed mixer.

Rivedil supplies pre-dosed packs:  
SCUDO POLIURETANICO OPACO A  
KG. 1,340 + catalyst KG 0,200  
KG. 5,000 + catalyst KG 0.750  
KG. 13.340 + catalyst KG 2,000

Specific weight: 1.00 - 1.20 gr / cm<sup>3</sup> at 20 ± 2 ° C.

**Dilution**  
Dilutable product with clean, lukewarm and not hard water, with a variable percentage (from 5-50%) depending on the type of substrate or even more depending on use.  
Usually for surfaces on the ground it is diluted on average 10%.

**Duration of the mixture:**  
Maximum pot-life: 90 min. at 20 ± 2 ° C and at approx. 65 ± 10% HR.

**Drying and hardening:**  
To touch in 5 - 8 h at about 20 ± 2 ° C and about 50 ± 10% HR.  
Hardening of the paint film 3-5 days depending on the room temperature, tendency to blistering and fogging at low temperature (<10 ° C) and high U.R. (> 65%).

**Overlay:**  
After 12 hours depending on the temperature, not more than 20 hours. For compatibility and overcoating, consult the Technical Office.

**Consumption and yield:**  
(Theoretical per layer) 80 - 130 gr / m<sup>2</sup>, at the recommended thickness of 50 - 65 µm.

**Aspect of paint film:**  
Matt version.

Number of layers:

One or two layers depending on the thickness and the mechanical resistances required.

Storage in the warehouse:

6 Months in the original packaging tightly closed in aired and dry environments.

Surface preparation:

No special preparation. RIVEDIL recommends polyurethane paint on decorated surfaces already ready for protection.

CAUTION: The residual moisture and/or counter-thrust may cause the formation of bubbles or localized lifts.

Application:

Brush, roller, spray, airless with temperatures not below 10 ° C. Attention with the applications in environments with U.R. more than 65% (appearance of bubbles and stickiness).

**DECORAZIONI RIVEDIL S.r.l.**

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| <b>TECHNICAL DATA</b>             |  |
|-----------------------------------|--|
| Nature of the bond                | Polyurethane resin                               |
| Viscosity                         |  |
| Drying Time                       | 5-8 h at touch, oltre_72 h complete.             |
| Thinning                          | 30-60% Water                                     |
| Yield                             | 7,5-12,5m <sup>2</sup> /Kg                       |
| Specific weight                   | 1-1,2 a 20°C ± 2Kg/Lt                            |
| Colors                            |  |
| Dry aspect                        | Matt   |
| Wet aspect                        | Transparent matt                                 |
| Storing                           | Max Temp. +30°C, Min T. +5°C                     |
| Stability                         | 0,5 years (in sealed, unopened original packing) |
| VOC                               | 10µGr/m <sup>3</sup>                             |
| TVOC                              | N/AµGr/m <sup>3</sup>                            |
| PH                                | N/A°C  |
| Cleaning                          | Water  |
| Packing                           | 1.540KG,5.750KG,15.340KG                         |
| <b>CHARACTERISICS</b>             |  |
| Characterisics:                   | Washable.  |
| Can be applied on:                | Walls,Floors,Kitchen tops and tables,Bathrooms.  |
| for:                              | Interiors.                                       |
| Certifications:                   |  |
| <b>TOOLS AND RELATED PRODUCTS</b> |  |
| Tools:                            | Bucket,Spiked Roller.                            |
| Related products:                 | TUTTI I DECORATIVI.                              |

## NOTES

- Please note that due to technical reasons caused by the tinting of the product the indicated Specific Weight of the product may differ from the Package Net Weight.
- In the original, sealed containers and in appropriate temperature conditions . The period of stability is purely indicative, and refers to the minimum stability period of the product if stored ideal conditions according to the instructions provided. If properly stored the products stability period may extend several years.
- Rivedil ensures that the information herein is provided to the best of its experience and its technical and scientific knowledge , however , being elements such as weather conditions, labor , tools, quality of third party products and others, not under the direct control of the Rivedil , this document does not constitute a warranty , nor does Rivedil authorize its agents and / or representatives to provide any kind of warranty based on the information contained in this document . We recommend that you always check the suitability of the product to each specific instance . This supersedes all previous editions.

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