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WOOD PROTECTION

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1. Product name

HOLZVERDUR Glossy, Series 2230000

2. Description

Two pack pigmented polyurethane enamel.

3. Main features

Based on modified alkyd resins, to be cured exclusively by semi-aliphatic isocyanate. The type of resins, coupled with the other ingredients of the formulation, give the film an excellent flexibility, gloss and fullness. Good resistance to yellowing due to sun rays and oxidising agents. The high surface hardness allows polishing by brush.

4. Recommended use

As a top coat for wood structures, preferably on a suitable polyester or polyurethane primer.

5. Technical data

Type	Internal method	Standard	Meas. unit	T Ref.	Value
Specific gravity	MS 018	ASTM D1475 ISO 28811-1;1997	kg/dm ³	23 °C	1,43 ± 0,05
Solid content		UNI EN ISO 3251	% p/p		75 ± 2
Viscosity DIN cup 4	MS 013		Sec.	23 °C	160- 200 *

6. Application data

Finish: glossy, above 90 - angle 60° (ISO 2813).

Color: white code 2230003. Other shades on request

Suggested DFT: 40 - 70 µm.

Theoretical consumption: 100 - 150 g/m²

Practical spreading rate: roughly 30% lower than the theoretical by airless application **.

7. Application method

Equipment: spray, airbrush, airmix or airless.

Thinning: to application viscosity with Thinner code 901031 or Thinner code 901032, or similar thinners

Drying time:

- Touch dry approx. 15'- 30' at 23 °C and 50% RH.
- Hard dry approx. 24 h at 23 °C and 50% RH.

Drying times vary according to DFT, thinning and environmental conditions.

Number of coats: 1 or 2 coats as described above.



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Application conditions: application suggested between 10°C and 30°C, RH<70%, no rain nor fog, on a suitable polyester or polyurethane primer; polishing by brush is only recommended after 3-4 days from the application to allow the product to achieve the right hardness

Pot life: 2-3 h at 20°C. Data vary with thinning and temperature

Mixing ratio: 100:70 by weight with Curing Agent code 600311 or 100:50 where brushing is not required

Overcoating conditions: 2 h at 20 °C to avoid bubbling

8. Available colors

White. Other shades on request

9. Storage indications

Shelf life: 12 months, provided the cans are kept sealed and undamaged, into a cool and dry place with temperature between 5 and 35°C.

10. Available packing

Standard packing 10 and 25 l. For different needs, please contact us.

11. Safety precautions

For professional use only. For health and safety information, please refer to the relevant Material Safety Data Sheet.

12. Notes, warnings and other information

Given the large number of factors that influence the painting process and our inability to control the use of the product itself, we can accept no responsibility for the final result.

* parameters subject to testing for each batch.

** indicative value, as it is dependent on numerous factors unrelated to the product, such as the size of the object, the conditions of the surface, the type and conditions of application

NB: the product does not conform to Law Decree 27 March 2006 n.161;

It belongs to category d) Finishing paints and fillers for indoor and outdoor applications on wood, metal and plastic

VOC value higher than legal limit

VOC legal limits are 300 g/l from 01/01/2010.

To be used only for applications not ruled by Leg. Decree n. 161/2006

This Product Data Sheet has been written according to UNICHIM 1633 method

The information in this data sheet about the use of our products are based on our present scientific knowledge and practice. Zetagi accepts no commitment and / or responsibility on the final result of the work with our products. It is the customer's responsibility to verify the suitability of our products for the intended use. All the products and the advice given are subject to our general conditions of sale which we recommend you to request and read carefully. This data sheet replaces and annuls the previous ones: it is the user's responsibility to ensure that this sheet is updated prior to using the product. This data sheet is a translation; the Italian text of this document shall prevail over any translation thereof.