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 **Veneziani**

## WOOD PROTECTION

Issued 26.01.2012

### 1. Product name

**HOLZFREUND flat finish Series 170003**

### 2. Description

One component finish based on urethane alkyd resins.

### 3. Main features

Waxy finish, designed for the painting of outdoor wood structures, windows and doors.  
Good resistance to weathering, good wetting and film formation properties; easy brush application and high film thickness.

### 4. Recommended use

Suitable for the painting of outdoor wood structures, windows and doors.

### 5. Technical data

Type	Internal method	Standard	Meas. unit	T Ref.	Value
<b>Specific gravity</b>	MS 018	ASTM D1475 ISO 2811-1	kg/dm <sup>3</sup>	23 °C	0.902 ± 0,05
<b>Solid content</b>		UNI EN ISO 3251	% p/p		51 ± 2
<b>Viscosity</b> (DIN cup 4)	MS 013		Sec.	23 °C	25-35* sec

### 6. Application data

**Finish:** flat, 25-35 gloss - angle 60°(ISO 2813).

**Color:** clear.

**Suggested DFT:** 100 - 120 µm

**Theoretical consumption:** 180 - 220 g/m<sup>2</sup>

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

### 7. Application method

**Equipment:** brush, airless

**Thinning:** up to 10 % turpentine, code 903071.

**Drying time:**

- Touch dry approx. 20' - 40' at 20 °C and 50% RH.
- Hard dry approx. 24 - 36 h at 20 °C and 50% RH.

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



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**Number of coats:** 1 coat as described above.

**Application conditions:** a pre-treatment of the surface by HOLZFREUND Impregnating (solvent borne or water borne) is recommended, followed by a light sweeping of the wood.

For exotic or difficult woods, containing tannins or other substances which may impair the film formation, the use of Insulating Dark Woods code 610021 is recommended.

### 8. Available colors

Clear

### 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.

Susceptible to frost damage.

### 10. Available packing

Standard packing 5 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 e) Paints and impregnating for indoor and outdoor applications on wood, metal and plastic

VOC value higher than legal limit

VOC legal limits are 400 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.*