



www.zetagi.it

## WOOD PROTECTION

Issued 29.02.2012

### 1. Product name

**HOLZFREUND Impregnating W SR Series 671000**

### 2. Description

Water borne neutral impregnating based on acrylic resins

### 3. Main features

Formulated with special, high quality, water soluble resins, especially designed for the treatment of wood carpentries. Especially designed to offer an homogeneous shade distribution and gloss. It can be over coated by water borne and solvent based finishes. It meets the norm UNI EN 152 if the application conditions required by this norm are adhered to. Store the product in cans not containing metals such as iron, copper, zinc, aluminum and their alloys.

### 4. Recommended use

Suitable for the coating of wooden carpentries, as described above.

### 5. Technical data

Type	Internal method	Standard	Meas. unit	T Ref.	Value
Specific gravity	MS 018	ASTM D1475 ISO 28811-1;1997	kg/dm <sup>3</sup>	23 °C	1,00 ± 0,05
Solid content		UNI EN ISO 3251	% p/p		20 ± 2
Viscosity (cup DIN 2)	MS 013		Sec.	23 °C	50-53*

### 6. Application data

**Color:** ebony, dark oak, mahogany, chestnut, walnut, dark walnut, douglas, green, honey, light walnut, larch, oak, walnut tan.

**Theoretical consumption:** 120 - 150 g/m<sup>2</sup>, depending on the type of support and the application methods.

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

### 7. Application method

**Equipment:** impregnating machines, brush or spray.

**Thinning:** product ready to use

**Drying time:** ready to handle in 20' - 40' at 23 °C, 50% RH and good ventilation according to the type of wood.

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

**Application conditions:** application suggested between 12 °C and 35 °C, RH < 70% and good ventilation.



www.zetagi.it

**zetagi**

 **Veneziani**

## WOOD PROTECTION

Periodically check the pH value and balance the possible decrease with the solution for pH normalizing code 908006. In Summer time, if pH can't be controlled, it is recommended to add 0.2 - 0.3% of this solution every 40 minutes of use. When the product is applied as a finish coat (i.e. beams), it is mandatory to apply 1 or 2 coats, to reach the recommended weight (see theoretical consumption). Do not expose the objects outdoor before the full drying of the impregnating (48 hours, if the application conditions are adhered to).

### **8. Available colors**

Ebony, dark oak, mahogany, chestnut, walnut, dark walnut, douglas, green, honey, light walnut, larch, oak, walnut tan. 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.  
Susceptible to frost damage.

### **10. Available packing**

Standard packing 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 conforms to Law Decree 27 March 2006 n.161;**

**It belongs to category f) Impregnating non film-forming for wood**

**VOC value lower than legal limit**

**VOC legal limits are 140 g/l from 01/01/2010.**

**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.*