



www.zetagi.it

zetagi

Veneziani

WOOD PROTECTION

Issued 24.01.2012

1. Product name

HYDROLAC Primer series 493000

2. Description

Water based one component primer based on acrylic resins, for outdoor use.

3. Main features

Water based one component primer for outdoor use, easily roughened by sandpaper. Featuring excellent weather resistance, it's the ideal primer for window frames and woodwork protection. Its rheological characteristics allow the vertical applications even at high thickness.

Low viscosity product, therefore particularly suitable for high atomization guns. Store the product in cans not containing metals such as iron, copper, zinc, aluminum and their alloys.

4. Recommended use

Window frames and woodwork painting as described above.

5. Technical data

Type	Internal method	Standard	Meas. unit	T Ref.	Value
Specific gravity	MS 018	ASTM D1475 ISO 2811-1	kg/dm ³	23°C	1,18 ± 0,05*
Solid content		UNI EN ISO 3251	% p/p		49 ± 2*
Viscosity Brookfield spindle 3 0.5 RPM	MS 007		mPas	23°C	18-30000**

6. Application data

Finish: flat

Color: White code 493029, Dark green code 493501, Red code 493914

Suggested DFT: 100 - 120 µm.

Theoretical consumption: 200 - 250 g/m².

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



www.zetagi.it

zetagi

 **Veneziani**

WOOD PROTECTION

7. Application method

Equipment: airmix spray or electrostatic airless.

Suggested nozzle pressure 3.5 bar, pump ratio 1:30, pumps fitted by pre-atomizers and thin nozzles (9:40).

Thinning: up to 5% potable water depending on surface type and application method.

Drying time:

- Touch dry approx. 20'-40' at 23°C and 50% RH
- Hard dry approx. 24 h at 23 °C and 50% RH. In tunnel, oven or shelves, with T up to 35°C, the time can be reduced to 3-4 h.

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

Application conditions: application suggested between 15°C and 35°C, RH<70% and good ventilation.

Overcoating time: Hydrolac can be overcoated by Hydrolac Finishes series 496, 495 and 492 after 18-24 h from the application and suitable sandpapering

It can be applied as a single coat or in the following paint systems:

System A:

- HF Impregnating W
- Hydrolac Primer, series **493000** after 6-8 h
- sandpapering after 18-24 h
- Hydrolac Finish W, series 495000, 496000, 492000, 497000

System B, CATAS CQA certified:

- HF Impregnating W SR White AC, code **671223** (flow-coating application)
- Hydrolac Primer White, code **493029** after 6-8 h (airless application, WFT: 200µm)
- Sandpapering after 24 h by 180 grit sandpaper or alike
- Hydrolac FO-FI 20 gloss, series **496000** (airless application, WFT: 300µm)

8. Available colors

White, code 493029.

Green, code 493501.

Red, code 493914

Other colors 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 5 and 25 kg. For different needs, please contact us.



www.zetagi.it

zetagi

 **Veneziani**

WOOD PROTECTION

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 relating to white (493029)

** 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 **d**) Paint and finishes for indoor/outdoor applications on wood, metal, plastic

VOC value lower than legal limit

VOC legal limits are 130 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.