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## WOOD PROTECTION

Issued 06.02.2012

### 1. Product name

**RETRON Flat Primer-Finish OC White 29, Code 620629**

**RETRON Flat Primer-Finish OC Black, Code 620630**

### 2. Description

Two pack, polyurethane primer-finish

### 3. Main features

Based on an alkyd resin, to be cured only by isocyanate.

Excellent flexibility and hardness, good filling properties; resistant to stains and to yellowing .

Recommended primer: Series 620400

### 4. Recommended use

As a finish coat for wood structures.

### 5. Technical data

#### **RETRON Flat Primer-Finish OC White 29, Code 620629**

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	1,22 ± 0,05
Solid content		UNI EN ISO 3251	% p/p		60 ± 2
Viscosity (DIN cup 4)	MS 013		Sec.	23 °C	120- 150 *

#### **RETRON Flat Primer-Finish OC Black, Code 620630**

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	1,03 ± 0,05
Solid content		UNI EN ISO 3251	% p/p		60 ± 2
Viscosity (DIN cup 4)	MS 013		Sec.	23 °C	120- 150 *



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### 6. Application data

**Finish:** flat, 20-30 gloss - angle 60°(ISO 2813).

**Color:** white- black.

**Suggested DFT:** 40 - 60 µm.

**Theoretical consumption:** 80 - 130 g/m<sup>2</sup>

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

### 7. Application method

**Equipment:** airless, airmix, airbrush, curtain application

**Thinning:** to application viscosity by Thinner code 901031 or code 901032 or similar thinners.

**Drying time:**

- Touch dry approx. 10'-20' at 23 °C and 50% RH.
- Hard dry 2-3 h at 23 °C and 50% RH:

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

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

**Application conditions:** application suggested between 10 °C and 30 °C, RH<50%, good ventilation, no rain nor fog and on suitable polyurethane primer

**Pot life:** 4-5 h at 20 °C. Data vary with thinning and temperature

**Mixing ratio:**

- 620629: 100:40 by weight with C. Agent Retron A, code 600311 where anti-yellowing is requested or with C. Agent Retron OC, code 600306
- 620630: 100:40 by weight with C. Agent Retron OC, code 600306.

### 8. Available colors

White – Black.

### 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 12 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



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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.*