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 **Veneziani**

WOOD PROTECTION

Issued 27.01.2012

1. Product name

RETRON Flat MR 83 S, Code 610161

RETRON Flat MR 83 SO, Code 610162

RETRON Flat MR 83 SLO, Code 610163

2. Description

Two pack clear polyurethane finish.

3. Main features

The hydroxylated alkyd resins, to be cured only by isocyanate, give the product very good filling properties, transparency and uniformity.

Best used on top of polyurethane primer, Series 610200

4. Recommended use

As a finish coat for furniture, paneling and skirting boards as described above.

5. Technical data

RETRON Flat MR 83 S, Series 610161

Type	Internal method	Standard	Meas. unit	T Ref.	Value
Specific gravity	MS 018	ASTM D1475 ISO 28811-1;1997	kg/dm ³	23 °C	0,97 ± 0,05
Solid content		UNI EN ISO 3251	% p/p		33 ± 2
Viscosity (DIN cup 4)	MS 013		Sec.	23 °C	30- 40 *

RETRON Flat MR 83 SO, Series 610162

Type	Internal method	Standard	Meas. unit	T Ref.	Value
Specific gravity	MS 018	ASTM D1475 ISO 28811-1;1997	kg/dm ³	23 °C	0,96 ± 0,05
Solid content		UNI EN ISO 3251	% p/p		34 ± 2
Viscosity (DIN cup 4)	MS 013		Sec.	23 °C	30- 40 *



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Type	Internal method	Standard	Meas. unit	T Ref.	Value
Specific gravity	MS 018	ASTM D1475 ISO 28811-1;1997	kg/dm ³	23 °C	0,97 ± 0,05
Solid content		UNI EN ISO 3251	% p/p		38 ± 2
Viscosity (DIN cup 4)	MS 013		Sec.	23 °C	40- 50 *

6. Application data

Finish: flat, 15-25 gloss code 610161; flat, 30-40 gloss code 610162; semi-gloss 40-50 gloss code 610163 – angle 60° (ISO 2813).

Color: clear

Suggested DFT: 40 - 60 µm.

Theoretical consumption: 80 - 130 g/m²

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 901032 or similar thinners.

Drying time:

- Touch dry approx. 10' at 23 °C and 50% RH.
- Hard dry approx. 8 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 perfectly clean support.

Pot life: 4-8 h at 20 °C. Data vary with thinning and temperature

Mixing ratio: 100:50 by weight with Curing Agent code 600161

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.

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.



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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 outdoor/indoor applications

VOC value lower 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.