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WOOD PROTECTION

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1. Product name

RETRON Primer K Code 610206

RETRON Primer KT Code 610216

2. Description

Two pack clear polyurethane primer.

3. Main features

The hydroxylated alkyd resins, to be cured only by isocyanate, give the product very good filling properties, flexibility and easiness of sandpapering. Recommended polyurethane finishes, after sandpapering: glossy or flat clear (RETRON FO-FI Clear, HOLZVERDUR); lacquered (RETRON FO-FI Pigmented, HOLZVERLACK).

4. Recommended use

Ideal for any type of wood, inclusive of MDF. Suitable to get perfectly closed film and no performance drop over time.

5. Technical data

RETRON Primer K Code 610206

Type	Internal method	Standard	Meas. unit	T Ref.	Value
Specific gravity	MS 018	ASTM D1475 ISO 2811-1	kg/dm ³	23 °C	0.97 ± 0,05
Solid content					
▪ Base		UNI EN ISO 3251	% p/p		42 ± 2
▪ Cured					38 ± 2
Viscosity (DIN cup 4)	MS 013		Sec.	23 °C	25-35*

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Viscosity (DIN cup 4)	MS 013		Sec.	23 °C	30-40*



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6. Application data

Finish: satin

Color: clear

Suggested DFT: 30 - 50 μm .

Theoretical consumption: 70 - 120 g/m²

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

7. Application method

Equipment: airless, airmix, airbrush, curtain application

Thinning: up to 20% Thinner code 901032 or similar thinners.

Drying time:

- Touch dry approx. 15'-30' at 23 °C and 50% RH.
- Hard dry at 23 °C and 50% RH:
 - 2-3 h by C. Agent HV 7200097
 - 3-4 h by C. Agent KC 600214
 - 6-7 h by C. Agent K 600206
- Sandpapering:
 - 4-6 h by C. Agent HV 7200097
 - 6-8 h by C. Agent KC 600214
 - 10-12 h by C. Agent K 600206

Hand sandpapering is recommended in case C. Agent 600206 is used; C. Agents 600214 and 7200097 allow power sandpapering

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

Number of coats: 1 or 2 coats 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:

- 2-3 h by C. Agent HV 7200097 at 20 °C
- 3-5 h by C. Agent KC 600214 at 20 °C
- 5-6 h by C. Agent K 600206 at 20 °C.

Data vary with thinning and temperature

Mixing ratio: 100:50 by weight with any C. Agent

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.



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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 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.