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## WOOD PROTECTION

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### 1. Product name

**RETRON Insulating IK TIX , Series 775000**

### 2. Description

Two pack, insulating polyurethane.

### 3. Main features

Based on a non-modified acrylic resin, to be cured only by a semi aliphatic isocyanate. Designed for difficult woods, which contain tannins which can interfere with the film formation or the film itself. Tannins can cause yellowing of the light colours. Also suitable for MDF, briar and cherry tree.

### 4. Recommended use

As an insulating primer for wood structures.

### 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	1,60 ± 0,05*
Solid content		UNI EN ISO 3251	% p/p		76 ± 2*
Viscosity (Brookfield spindle 4 0.5 RPM)	MS 007		mPas	23 °C	150-250 mila**

### 6. Application data

**Color:** white code 775129. Other shades on request

**Suggested DFT:** 90 - 110 µm.

**Theoretical consumption:** 220 - 260 g/m<sup>2</sup>.

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

### 7. Application method

**Equipment:** airbrush, airmix spray or electrostatic airless.

**Thinning:** approx. 5-10% by thinner RETRON "S" code 901032 or retardant thinner RETRON EC code 901033 or similar thinners.

**Drying time:**

- Touch dry approx. 2-3 h at 23 °C and 50% RH.
- Hard dry approx. 24 h at 23 °C and 50% RH.

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

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



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**Application conditions:** application suggested between 10°C and 30°C, RH<70%, good ventilation, perfectly clean support, no rain nor fog.

A good sandpapering is recommended, without uncovering the edges; do not overcoat after 8h from sandpapering.

**Pot life:** 6 h at 20°C. Data vary with thinning and temperature

**Mixing ratio:** 100:20 by weight with Curing Agent code 730022

### 8. Available colors

White code 775129. 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.

### 10. Available packing

Standard packing 25 Kg. 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 relating to white (775129)

\*\* 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 g) Primers.

VOC value higher than legal limit

VOC legal limits are 350 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.*