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WOOD PROTECTION

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1. Product name

BETA Flat Finish TIX Series 104000

2. Description

Long oil enamel based on urethane alkyd resins.

3. Main features

Excellent hiding power, wetting properties and resistance to weathering, featuring good protection even in industrial environments; hard and flexible even after aging due to prolonged exposure to atmospheric agents.

Vertical application and high DFT possible thanks to its rheological characteristics.

If mixed with Curing Agent code 730021 (Mixing ratio by weight 100:20 max.), the product becomes a polyurethane with the relevant improved chemical resistance to abrasion and chalking.

4. Recommended use

As a single coat or finish coat for wood or steel structures, 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	1,15 ± 0,05 kg/dm ^{3***}
Solid content		UNI EN ISO 3251	% p/p		67 ± 3***
Viscosity (Brookfield spindle 3 0.5 RPM)	MS 007		mPas	23°C	80000 - 100000*

6. Application data

Finish: flat, 30-40 gloss - angle 60°(ISO 2813).

Color: white – other shades on request

Suggested DFT: 70 - 160 µm. Exceeding the recommended DFT could prevent the optimal film formation process.

Theoretical consumption: 150 - 400 g/m²

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

7. Application method

Equipment: airless .



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Thinning: up to 10 % turpentine, code 903071.

Drying time:

- Touch dry approx. 2-4 h at 20 °C and 50% RH.
- Hard dry approx. 48-72 h at 20 °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 5 °C and 35 °C, RH < 50%, good ventilation and perfectly clean support.

For steel supports, the application of a suitable primer (Series 194) is recommended. For wood supports a pre-treatment by Holzfreund impregnating (water borne or solvent borne) followed by R.E. Primer is recommended to improve the fullness of the top coat.

When cured, the product must be used within 2 h.

8. Available colors

White, code 104029; 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 4 and 20 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

*** parameters relating to white (104029)

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 lower 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



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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.