



www.zetagi.it

**zetagi**

**Veneziani**

## WOOD PROTECTION

Issued 06.02.2012

### 1. Product name

**NITROSPRAY Flat T 144, Code 630704**

**NITROSPRAY Flat T 144 L, Code 630705**

**NITROSPRAY Flat T 144 LL, Code 630706**

### 2. Description

One component clear nitro synthetic finish

### 3. Main features

Based on modified alkyd resins, maleic and nitrocellulose.

Excellent film flexibility and good filling properties; good gloss stability; fast dry.

### 4. Recommended use

Suitable for the painting of wood structures which need fast dry finish and are not subject to aggressive chemicals or to weathering

### 5. Technical data

#### **NITROSPRAY Flat T 144, Series 630704**

Type	Internal method	Standard	Meas. unit	T Ref.	Value
<b>Specific gravity</b>	MS 018	ASTM D1475 ISO 28811-1;1997	kg/dm <sup>3</sup>	23 °C	0,97 ± 0,05
<b>Solid content</b>		UNI EN ISO 3251	% p/p		24 ± 2
<b>Viscosity</b> (DIN cup 4)	MS 013		Sec.	23 °C	55- 65 *

#### **NITROSPRAY Flat T 144 L, Series 630705**

Type	Internal method	Standard	Meas. unit	T Ref.	Value
<b>Specific gravity</b>	MS 018	ASTM D1475 ISO 28811-1;1997	kg/dm <sup>3</sup>	23 °C	0,96 ± 0,05
<b>Solid content</b>		UNI EN ISO 3251	% p/p		27 ± 2
<b>Viscosity</b> (DIN cup 4)	MS 013		Sec.	23 °C	85- 95 *



www.zetagi.it

WOOD PROTECTION

**NITROSPRAY Flat T 144 LL, Series 630706**

Type	Internal method	Standard	Meas. unit	T Ref.	Value
<b>Specific gravity</b>	MS 018	ASTM D1475 ISO 28811-1;1997	kg/dm <sup>3</sup>	23°C	0,95 ± 0,05
<b>Solid content</b>		UNI EN ISO 3251	% p/p		27 ± 2
<b>Viscosity</b> (DIN cup 4)	MS 013		Sec.	23°C	30- 50 *

6 Application data

**Finish:** flat, 10-20 gloss code 630704; flat, 20-30 gloss code 630705; flat, 30-40 gloss code 630706 – angle 60° (ISO 2813).

**Color:** clear

**Suggested DFT:** 30 - 50 µm.

**Theoretical consumption:** 100 - 160 g/m<sup>2</sup>

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

7. Application method

**Equipment:** airbrush, airmix or airless

**Thinning:** to application viscosity, approx. 40% by thinner NITRO EXTRA E.C code 900032 or thinner NITRO ANTINEBBIA E.C. code 900033 or similar thinners.

**Drying time:**

- Touch dry approx. 10'-20' at 23°C and 50% RH.
- Hard dry approx. 1-2 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<70%, thinning by Thinner code 900032; in case of high RH, thinning by Thinner code 900033. To achieve a good aesthetic result of the whole paint system, it is recommended to apply a suitable primer such as Pore-filler A2 code 630601. Exotic and difficult woods, containing tannins or other substances which may impair the film formation, may require the application of Insulating Dark Woods code 610021

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 5 and 25 l. For different needs, please contact us.



www.zetagi.it

**zetagi**

 **Veneziani**

## WOOD PROTECTION

### 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**) Paints and impregnating for indoor/outdoor wood finish.

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.*