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WOOD PROTECTION

Rev.2 23.01.2017

1. Product name**HF FIN. "W" OP PENN MONO/BI code 171500**2. Description

Water-based Top coat 1K/2K for wooden floors

3. Main features

171500 is a 1K/2K top coat water-based polyurethane lacquer for wooden floors, free from permanent phenomena of whitening with excellent resistance to chemical products used for the cleaning of the house. It's particularly resistant to abrasion (Class A reached- CEN/TS 16209).

171500 can be used alone as one pack finish, or two pack finish with the addition of 10% of hardener "catalyst" W "" A "730030 that it enhances and improves the general characteristics.

Furniture - Assessment of the surface resistance to abrasion UNI EN 15185:2011		
	Initial point (n° laps)	Reached class CEN/TS 16209
171500	320	A
171500 +10% 730030	320	A
Test report No. 219452/1 - 27/209/16 CATAS Sandpapers batch n°73693 Instrument used : Taber mod.503 with sandpapers Taber S-42 Medium hardness wheel: 60-70 Shore A		

4. Recommended use

Suitable for Wooden walking surface

5. Technical data

<u>Physical properties</u>	Internal method	Standard method	Measure unit	temperature	Value
Specific gravity	MS 018	ASTM D1475 ISO 2811-1	kg/dm ³	23°C	1,02 ± 0,05
Solid content 1K 2K		UNI EN ISO 3251	% p/p		34 ± 2 38 ± 2
Viscosity (cup DIN 4)	MS 013		seconds	23°C	60-100* sec



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6. Application data

Top coat: 35-45 gloss, angle 60° (ISO 2813)

Color: clear

Suggested dry film thickness: 40 ÷ 60 µm.

Theoretical consumption: 100 ÷ 150 g/m² mixed product.

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

7. Application method

Equipment: brush or spray gun

Before applying the product on wood containing tannin or natural coloring matter make a preliminary test to make sure the end result

1pack product : thinning up to 5% potable water depending on surface type and application method. **Drying time**

Touch dry approx: 2-4 h at 23°C and 50% RH

Hard dry approx: 24 h at 23 °C and 50% RH.

Overcoating without sanding: 2-8 hours

Sandable: after 24 h.

Number of coats: to be applied 1 or 2

2 pack product

Hardener ratio: 100:10 w/w with CATALIZZ. "W" "A" 730030 code

Thinning: up to 5% potable water depending on surface type and application method.

Pot life: max 60' at 20°C

Drying time

Touch dry approx: 2-4 h at 23°C and 50% RH

Hard dry approx: 24 h at 23 °C and 50% RH.

Overcoating without sanding: 4-8 hours

Sandable: after 24 h.

Number of coats: to be applied 1 or 2

Conditions: temperature between 15°C and 35°C. Do not use at temperatures below 10°C or when the relative humidity is greater than 85%, in critical environmental conditions such as high temperature and relative humidity low / high or wide surfaces, it is advisable to add a specific retarder thinner, consult our technical service.

8. Available colors

Clear

9. Storage

Store the product in containers that do not contain metals such as iron, copper, zinc, aluminum and their alloys.

The product is stable in storage for up to 12 months from the date of manufacture, provided that the containers are sealed and intact, placed in a cool dry place with temperature between 5-35 ° C.



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Protect from frost.

10. Available packing

Standard packing 1 and 5 kg. For different needs, please contact us.

11. Safety precautions

For professional use only. For information relating to health, safety and other reference is made to the relative 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.

The surface achieves the maximum chemical resistance approx. 2 weeks after the treatment. Avoid cleaning during this period. Clean the surface with a brush, broom or mop. Clean soiled surfaces with a neutral detergent (pH 6-8).

** 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 j) High performance two component paints VOC value lower than legal limit VOC legal limits are 140 g/l from 01/01/2010.

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.