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WOOD PROTECTION

Rev.0 24.04.2018

CLEAR FIREPROOF POLYURETHANE PAINT SYSTEM

1. Recommended use

Developed for painting furniture, mdf and other wall or ceiling wood supports. Ministry for home affairs, Central Management Prevention and Technical Security

Approval n ° VI1077PVI100005 class 1 of reaction to fire according to CNVVF/UNI 9796:2014

2. Main features

Clear fire retardant polyurethane paint system, consists of two coats of RETRON SEALER CLEAR FIREPROOF 610357 (2 coats x150 gr/m²) and one coat of RETRON TOP COAT CLEAR FIREPROOF 610358. (1 coats x150 gr/m²) total amount 450 gr/m².

Carefully follow the instructions contained in this form, to ensure the reaction to fire, class 1 and the subsequent approval remains valid.

3. Paint system

Sealer 610357	hardener 600352 70% by weight	2 coats each 150 gr/m² wet (300 gr/m² totals)
	Intervallo tra le mani	2-3 hours
Sanding	Manual sanding, it is also possible to sand by machine but in a light way so as not to reduce too much the thickness with consequent decrease of protection from the fire.	24 hours
Top Coat 610358	600352 al 70% by weight	1 coat 150 gr/m² wet
	Total thickness sealer +topcoat	450 gr/m² wet



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Features RETRON SEALER CLEAR FIREPROOF 610357

Application method	spray	
Hardener mixing ratio	600352	By weight 70%
	600352	By volume 85%
Pot life	90 minutes	More than 90 min. danger of whitening
Specific gravity kg/dm <sup>3</sup> 20°C		1,18±0,05
Solid content %	binder	62±2
Solid content %	binder hardener added	50±2
Viscosity (DIN6 cup) 23°C (sec)		200
Viscosity (DIN4 cup) 23°C (sec)	binder hardener added	20
Drying time (min)	Dust dry	15
	Touch dry	60
	Hard dry	24 hours
Stackable		24 hours

Features RETRON TOP COAT CLEAR FIREPROOF 610358

Application method	spray	
Hardener mixing ratio	600352	By weight 70%
	600352	By volume 75%
Pot life	90 minutes	More than 90 min. danger of whitening
Specific gravity kg/dm <sup>3</sup> 20°C		1,08±0,05
Solid content %	binder	49±2
Solid content %	binder hardener added	42,5±2
Viscosity (DIN6 cup) 23°C (sec)		200
Viscosity (DIN4 cup) 23°C (sec)	binder hardener added	20
Drying time (min)	Dust dry	15
	Touch dry	60
	Hard dry	24 hours
Stackable		24 hours



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### 4. Storage indications

**Caution: the product, after long periods of storage, may undergo a partial separation of the components: totally remove the cover to the packaging, mix with a long spatula able to reach the bottom and mix well and completely, any sediment should be homogenized with the remaining part of the paint; not doing this operation means compromising the self-extinguishing properties of the product.**

**The product is stable to storage up to one year from the date of manufacture, provided that the containers are hermetically sealed and intact, placed in a cool and dry environment with temperature between 5-35 ° C.**

### 5. Available packing

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

### 6. Safety precautions

For professional use only. For health and safety information, please refer to the relevant Material Safety Data Sheet.

7. 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. 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.