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Veneziani

WOOD PROTECTION

Rev.4 del 15.09.2022

1. Product name

RETRON PRIMER "W" code 615270



**Exterior
Wood Coating**
Certified by Catas



**Interior
Wood Coating**
Certified by Catas

2. Natura del prodotto

Universal 2K, transparent, water-based primer for indoor outdoor use.

3. Descrizione prodotto

RETRON PRIMER "W" is a product covered by various certifications that certify its effectiveness in use. It is an extremely versatile product and can be used both indoors or outdoors on windows frames. Its main qualities are elasticity, non-yellowing and extraordinary adhesion and insulation properties on wood.

4. Recommended use

Universal coating systems on indoor-outdoor timber components

> On windows and armored doors as an insulating base on all types of wood.

> On furniture, paneling and interior doors.

> On bathroom and kitchen furniture, even on horizontal surfaces.

5. Technical data

It can be used with two different hardeners, 730030 and 730073.

Type	Internal method	Standard	Meas. unit	T Ref.	Value
Specific gravity	MS 018	ASTM D1475 ISO 28811-1;1997	kg/dm ³	23°C	1,02 ±0,05*
Solid content					
615270		UNI EN ISO 3251	% p/p		32 ± 2
Mixing ratio 12%					39 ± 2
Mixing ratio 10%					38 ± 2



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6. Application data

Color: clear

Suggested Dry film thickness (per coat): 60 ÷ 80 µm.

Theoretical consumption: 150 ÷ 175 g/m² mixed with 730030/730073 hardener.

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

7. Application method

Surface preparation: surface must be clean, free from dust, dry capable of holding paint, free from separating substances as wax, grease, silicone, resin etc, as well as tested for suitability for coating application.

On window frames apply 681000/672 HOLZFREUND SERIES by flow coating, dipping or brush. On indoor furniture apply a water-borne or solvent-borne stain.

Allow to dry at least 4-6 h, drying minimum 4-6 hours at 20° C, then to apply RETRON PRIMER "W"

Equipment: air assisted, airless spray, gravity feed spray gun.

The cross linking reaction between the base and the hardeners 730030/730073 is in competition with the one between the hardener and water, so the balance between the two reactions is unstable.

The use of spray pumps with electronic 2K mixing system for airless, prevent the features of the painted pieces to vary depending on the time elapsed between the full cure and the application.

Using traditional spray systems it is important to prepare the quantity of product for 30-45 minutes of work.

The mixed product that has not been used for than one hour can no longer applied.

Thinning: not necessary, if required up to 5 - 10% potable water.

	Cup spray gun	Airless	Airmix
Thinning %	5-10	0-10	0-10
Nozzle Ø mm	1,5-1,8	0,28-0,33	0,28-0,33
Nozzle Ø inch		0,09-0,011	0,09-0,011
Pressure (bar)	2-3	80-120	80-120
Atomization air (bar)			0,5-1,0

Number of coats: 1 o 2 coats, between the first and second coat, 3-6 hours can pass, after this period it is necessary to sand.

Application conditions: application suggested between 15°C and 30°C, RH<50% and good ventilation.

Pot life: max 45-60' at 20°C if no electronic mixing system are used.

Indoor Mixing ratio: 100:12 by weight HARDENER "W" "A" code 730030
100:10,6 by volume HARDENER "W" "A" code 730030

Outdoor Mixing ratio: 100:10 by weight HARDENER "W" "A" code 730030
100:8,8 by volume HARDENER "W" "A" code 730030



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Drying time:

- Touch dry approx. 90' at 20°C and 50% RH
- Hard dry approx. 2/3 h at 20°C and 50% RH
- Fully cured approx. 24 h at 20 °C and 50% RH

Sanding time: it can be sanded after drying overnight.

Overpaintable: after sanding, apply 2K series 615000 indoor WB top coat, or 171000 series 1K WB topcoat, WB 2K 178XXX outdoor HYDRO2K outdoor topcoat or WB topcoat series 1714XX 1K.

It can be applied in the following **CATAS QUALITY AWARD CVMD** certified paint system for house furniture (kitchen and bathroom):

- Retron Primer "W", code **615270** mixed by 12% hardener **730030** application by air assisted, airless spray, gravity feed spray gun. Thickness 150-175 µm wet
- Drying time: 24 h at 20°C and 50% RH
- Drying overnight, sanding with gran 220-280
- Retron Finish "W" 20g, code **615380** mixed by 12% hardener **730030** application by air assisted, airless spray, gravity feed spray gun.
- Drying time: 24 h at 20°C and 50% RH

The cycle complies with UNI 11216 for the intended uses specified in the table and the additional requirements provided for by the technical regulations of the CATAS QUALITY AWARD PAINTING CYCLES FOR DOMESTIC FURNITURE rev. n. 10 of 09.02.2017

END USE	HORIZONTAL SURFACE	VERTICAL SURFACE
CUCINA	OK	OK
BAGNO	OK	OK
OTHER	OK	OK

The primer 615270 is part of the 2K WB coating system FOR WINDOWS in **compliance with EN927-2: 2006 and the additional requirements provided for by the technical regulations of CATAS QUALITY AWARD COATING SYSTEM FOR EXTERIOR WOOD CSEW n ° 70**



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IMPREGNANT AGENT series 681XXX "WFJ"

RETRON PRIMER "W" 615270 + 10% HARDENER "W" K 730073

TOPCOAT HYDRO 2K20 NOCE 178201 20gloss + 10% HARDENER "W" K 730073

The same painting system is certified for interior painting:

The coating system complies with UNI 11216 for the intended use specified in the table and with the additional requirements provided for by the technical regulations of the

CATAS QUALITY AWARD PAINTING CYCLES FOR DOMESTIC FURNITURE

No. 6 rev. n. 12 of 20.05.2022

END USE	HORIZONTAL SURFACE
KITCHEN	OK
BATH	OK
OTHER	OK

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.

Susceptible to frost damage.

10. Available packing

Standard packing 5 and 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.



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- * 681000 clear impregnant agent is not certified
- ** 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:

EU limit value for RETRON PRIMER W code 615270 (cat. A/d): **130 g/l (2010)**

RETRON PRIMER W 615270 has a VOC value lower than legal limit.

This Product Data Sheet has been written according to standard UNI 11269

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.



COLORIFICIO ZETAGI

Società a Responsabilità Limitata

via Pasubio 41

I - 36051 - Olmo di Creazzo (VI)

PRODUCT CERTIFICATE CSEW n° 70

We hereby certify the conformity of the coating system

IMPREGNATING STAIN 681XXX "WFJ"*

(one layer)

+

RETRON BICOMPONENT PRIMER "W" code 615270 (Cat. 10%)

(one layer- minimum wet film thickness 150 micron)

+

TOP COAT HYDRO 2K20 WALNUT code 178201 20 GLOSS (Cat. 10%)

(one layer- minimum wet film thickness 150 micron)

+

HARDENER 730073

to the EN 927-2:2006 performance specification and
to the additional requirements of the technical rules of the

CATAS QUALITY AWARD
COATING SYSTEM FOR EXTERIOR WOOD PLUS

("STABLE" PRODUCTS)

rev. 13 dated 21.12.2020

*IMPREGNATING STAIN COLOURS

681001 WALNUT
681002 DOUGLAS
681004 DARK WALNUT

681005 CHESTNUT
681008 DARK OAK
681012 PINE

681015 ANCIENT WALNUT
681016 DUCAL WALNUT
681017 ROSEWOOD

681116 GREEN
681128 LIGHT WALNUT
681429 HONEY

April 20th, 2022

FIRST ISSUE

April 20th, 2022

CORRENT ISSUE

April 19th, 2023

VALID UNITL

CATAS S.p.A.
Iscr. Reg. Imprese Udine
nr.iscr. C.F. 01818850305
Reg. Impr. UD 20663
P.IVA 01818850305
C.Soc. 984.250,00 Euro i.v.
Sede: Via Antica 24/3
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dr. Franco Bulian
Managing Director

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COLORIFICIO ZETAGI

Società a Responsabilità Limitata
Via Pasubio 41
I - 36051 - Olmo di Creazzo (VI)

PRODUCT CERTIFICATE INTERIOR WOOD COATING SYSTEM n°06

We hereby certify the conformity of the coating system

IMPREGNATING STAIN 681XXX "WFJ"*

(one layer)

+

RETRON BICOMPONENT PRIMER "W" code 615270 (Cat. 10%)

(one layer- minimum wet film thickness 150 micron)

+

TOP COAT HYDRO 2K20 WALNUT code 178201 20 GLOSS (Cat. 10%)

(one layer- minimum wet film thickness 150 micron)

+

HARDENER 730073

to the UNI 11216 performance specification for the end uses
specified in the table below
and to the additional requirements of the technical rules of the

CATAS QUALITY AWARD
INTERIOR WOOD COATING SYSTEM

rev. n. 12 dated 20.05.2022

END USE	HORIZONTAL SURFACES	VERTICAL SURFACES
KITCHEN	--	✓
BATHROOM	--	✓
OTHERS	--	✓

July 1st, 2022

FIRST ISSUE

July 1st, 2022

CURRENT ISSUE

December 31st, 2026

VALID UNTIL

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COLORIFICIO ZETAGI

Società a Responsabilità Limitata
Via Pasubio 41
I - 36051 - Olmo di Creazzo (VI)

PRODUCT CERTIFICATE INTERIOR WOOD COATING SYSTEM n°02 rev.01

We hereby certify the conformity of the coating system

RETRON BICOMPONENT BASE COAT "W" COD. 615270 (Cat. 12%)
(one layer of 120 g/m²)

+

RETRON BICOMPONENT TOP COAT "W" COD. 615380 (Cat. 12%)
(one layer of 120 g/m², 20 gloss)

+

HARDENER "W" A COD. 730030

to the UNI 11216 performance specification for the end uses
specified in the table below
and to the additional requirements of the technical rules of the

CATAS QUALITY AWARD
INTERIOR WOOD COATING SYSTEM
rev. n. 12 dated 20.05.2022

END USE	HORIZONTAL SURFACES	VERTICAL SURFACES
KITCHEN	✓	✓
BATHROOM	✓	✓
OTHERS	✓	✓

July 1st, 2007

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CURRENT ISSUE

December 31st, 2023

VALID UNTIL

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