

## Technical Data Sheet

**7OWE1001G20**

**04/07/2022**

**Version 1**

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BRAND: Sirca.

S.p.A. has a quality system certified by DNV according to standard UNI EN ISO 9001.

### Name and Code

7OWE1001G20 CLEAR WB THIXOTROPIC TOPCOAT 20 SHEEN .

### Chemical Nature

Waterborne acrylic topcoat

### Description and performances

Waterborne thixotropic topcoat for exterior.

Gloss level available: 30 gloss units.

#### Standard color

Product Name	Colour
OWE1001	Honey shade
OWE1003	Wheat
OWE1010	Walnut

Different shades available upon request.

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### Additional description of the product

#### Chemical - Technical Properties

Description	Method	Unit of measure	Value - Range
Solid content	I.O. 371	%	42±2
Viscosity @25°C	I.O. 302	mPa.s	25000±2500
Specific gravity	I.O. 309	g/cm3	1,040±0,010

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### Field of application

#### Application devices

Application devices	Nozzle	Pump pressure	Atomization pressure	Dilution with water
airless	90-11/40	100-120 bar	no	no
airmix	09	80	1,5-2,0	no
gravity spray gun	2,5	4 bar	no	0-10 parts by weight

Please refer to IDROCOLOR technical manual, in order to identify the proper paint system.

#### Softwood painting system CATAS -WKI PREMIUM certified

Sanding	Product	Drying time (hours)	Amount of application
150/180 grit	IMW42..(*)	4-6 hours	
220-240 grit sandpaper	7OWE1001G20(*)	16-24 hours	300 wet microns

\* Available color shades for the impregnating agent are: IMW4253 mahogany, IMW4261 Moss Green, IMW4263 Dark Walnut, IMW4264 Larch, IMW4265 Deep Walnut, IMW4266 Chestnut, IMW4269 Medium Walnut. Available color shades for the topcoat are: OWE1001 Honey, OWE1010 Walnut, OWE1003 Wheat.

Amount of application: 300 micron.

Drying conditions: at 20°C

Dust free: 30 minutes

Tack free: 3 hours

Stackable: 16-24 hours

Use: Doors, windows, shielding screens, overhead doors and window frames in general.

Procedure for cleaning: wash your tools with water or with our DTW10 cleaner.

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### General properties

Transparent thixotropic waterborne topcoat for exterior with supreme weather resistance and blocking resistance. The dried film has great transparency, elasticity, hardness and a great body. The product is certified according to Catas WKI - Premium. It is possible to apply up to 300 wet-microns with airless application without any sagging. The dried film has low water uptake and it contains innovative UV filters and iron oxides that shield the wood from UV light and weathering wear. Product has been successfully tested according to norm UNI EN 927-6, extending the test length four times more than the standard (2016 hours), without compromising coating film integrity.

Product must absolutely not be used clear, since the wooden substrate won't be shielded enough from U.V. light. The dried coated film, during the first months after the application, in conditions of high relative humidity and exposure to water could become milky; this phenomena has to be considered normal and it is completely reversible when the humidity level goes back to normal low values. Coated film recovers its initial transparency.

Do not use the product with temperature below 15°C and when relative humidity is high, since they'd have a bad influence on the drying times and the stackability properties.

Surfaces painted with waterborne products should be cleaned with non aggressive detergents (not based on acids, ammonia or bleach), without abrasive properties and solvent-free; in particular, please avoid the use of acetone or alcohol.

Maintenance and refresh: Use ID1200 or IR2100 for maintenance. Use IR1100 for refreshing. Use IF400 for restoring. Refer to technical datasheet for additional informations.

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### Storage instructions

Keep containers tightly closed, cool and in a ventilated area; protect from the frost.

EXPIRATION DATE 12 months

The data refers to the product stored in original sealed packaging.

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The information supplied are correct to the best of our knowledge. However, as the coating process depends on many variables and the present application takes place without our supervision, we cannot assume any responsibility for the final result. Sirca guarantees that chemical and physical characteristics of the products are within the reported range. Due to the large variety of substrates and application devices, the purchaser/user should test our products in his own application conditions and safety and environment circumstances. Sirca's technical and sales departments are at customer's disposal for any further information regarding correct application of our products.