

PRODUCT: 6OWE1000Gx0
DESCRIPTION: Exterior Clear Water Borne Topcoat
USE: Exterior windows, doors, fixtures, and wooden entrance doors
APPLICATION SYSTEM: By high pressure spray (airless, air mix) or with spray gun

CHEMICAL - PHYSICAL CHARACTERISTICS*

SPECIFIC GRAVITY:	1.04 ± 0.010 (g/cc a 68° F)
DENSITY (WPG):	8.68 ± 0.010 (lbs/gal US at 68° F)
WEIGHT SOLIDS:	40.5% ± 1
VOLUME SOLIDS:	38.03% ± 1
VISCOSITY BROOKFIELD:	24000± 2400 mPa*s
VOC (material):	0.35 lbs/gal US or 41.60 g/l
VOC (coating):	0.82 lbs/gal US or 98.39 g/l
VOC Ratio:	0.10 lbs VOC/lbs Solids
HAPS Ratio:	0.08 lbs HAPS/lbs solids

*All values above are based on 30 sheen.

PREPARATION OF THE PRODUCT

6OWE1000Gx0 100 parts by weight
WATER 0-5 parts by weight (depending on the application needs)

Or

6OW1000Gx0 100 parts by volume
WATER 0-5 parts by volume (depending on the application needs)

This product meets U.S.A. TSCA regulations.

APPLICATION CHARACTERISTICS

COVERAGE: 320 sqft/gal or 7.8 sqm/l (1mil dried)
APPLICATION AMOUNTS: 300micron 10 – 12 (wet mils)
NUMBER OF COATS: 1 - 2

DRY TIMES:

At 68° F (4 wet mils)

- DUST FREE:	30 - 40 minutes
- TOUCH DRY:	1-3 hours
- DRY TO SAND AND RECOAT:	3 hours
- STACKABLE:	8-12 hours

This product is available in 20 and 30 sheen.

GENERAL PROPERTIES

This transparent thixotropic water borne topcoat for exterior projects offers supreme weather resistance and blocking resistance. The dried film has great transparency, elasticity, hardness and build. It is possible to apply up to 300 wet-microns with airless application without sagging. The dried film contains innovative UV filters and iron oxides that shield the wood from UV light and weathering wear. This 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 the coating film integrity.

It is recommended to use 6PTW100 tints in this topcoat or to be used with a colored impregnator so that the wooden substrate can be shielded from U.V. light.

During the first months after the application, in conditions of high relative humidity and exposure to water this finish can become milky; this phenomena is considered to be normal and it is completely reversible, when the humidity level goes back to normal.

Do not use this product with temperatures below 60°F and when relative humidity is high, since they will affect dry times and stackability. Surfaces painted with water borne products should be cleaned with non-aggressive detergents (not based with acids, ammonia or bleach), without abrasive properties and solvent-free; in particular, please avoid the use of acetone or alcohol.

Contact your local technical representative for information on available maintenance coatings that can be used over this product when it is time to refresh the project.

NOTICE: for the correct use of water borne products remember that:

1. This product is extremely sensitive to climatic variations: low temperatures and/or high relative humidity will increase the drying times of this primer.
2. Do not apply with temperatures below 60° F.
3. Do not apply above relative humidity of 84% without moving air and good ventilation.
4. Thorough washing of spray equipment with water is recommended before application of this product. This is especially recommended if equipment is normally used to apply solvent borne products.
5. For brush application, bristles must be synthetic.
6. Do not discard waste in public sewers.

SHELF LIFE: 12 months.

Data refers to products preserved in original, sealed containers.

STORAGE: Keep in a fresh and well ventilated place; do not exceed 77°-82.4° F.

Companion Products:

6IMW9000	Impregnating Agent for softwoods (needles)
6IMW9400	Impregnating Agent for hardwoods
6IMW0001	Gel Impregnator
6FWE900	Mono Water Borne Sealer
6OWE600Gx0S04	3 N 1 Exterior Water Borne Topcoat (Maintenance Coating)

Company Information: SIRCA S.p.A. has a quality system certified by DNV GL ISO 9001



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.

