

PRODUCT:	6IWC1800S01
DESCRIPTION:	Water Borne Clear Wax Effect for exterior projects including walkable surfaces
USE:	Exterior wooden projects
APPLICATION SYSTEM:	Traditional Spray Gun, Brush

CHEMICAL - PHYSICAL CHARACTERISTICS*

SPECIFIC GRAVITY:	1.02 ± 0.010 (g/cc a 68° F)
DENSITY (WPG):	8.51 ± 0.010 (lbs/gal US at 68° F)
WEIGHT SOLIDS:	27.5% ± 1
VOLUME SOLIDS:	25.65% ± 1
VISCOSITY:	18" ± 2 (DIN4 at 68° F) approximately 5" Zahn cup n°4
VOC (material):	0.43 lbs/gal US or 51 g/l
VOC (coating):	1.37 lbs/gal US or 163.72g/l
VOC Ratio:	0.18 lbs VOC/lbs Solids
HAPS Ratio:	0.033 lbs HAPS/lbs solids

PREPARATION OF THE PRODUCT

6IWC1800S01	100 parts by weight
6PTW Tints	Up to 2.5 parts by weight
WATER	0-30 parts by weight (depending on the application needs)

Or

6IWC1800S01	100 parts by volume
6PTW Tints	Up to 2.5 parts by volume
WATER	0-30 parts by weight (depending on the application needs)

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

APPLICATION CHARACTERISTICS

APPLICATION AMOUNTS:	80-100 g/m ²
NUMBER OF COATS:	1 – 3 coats (maximum) with intermediate sanding

DRY TIMES:

At 68° F (6-8 wet mils)

- DUST FREE:	30 minutes
- TOUCH DRY:	60 minutes
- OVERCOATABLE:	2-4 hours
- WALKABLE:	24-48 hours

GENERAL PROPERTIES

Before using this product it is recommended to white wood sand with 150 / 180 grit sandpaper. It is possible to use this product as a self-seal system or it can be applied over one coat of a water borne impregnating agent. This product is fast drying and shows optimal substrate wetting properties. 6IWC1800 is suitable for application over both soft and hardwoods. This product does not peel. It will degrade over time. A routine maintenance coat can be applied after the surface has been cleaned. This product contains special UV absorbers. It is suggested to add a small amount of 6PTW colorants to increase the overall durability of this product over time. 6PNW tints can also be used up to 10%

This product is designed for walkable surfaces like deck flooring.

Suggested painting system - 1		
Product	Drying time (hours)	Sanding
6IWC18..	2-4 hours	no
6IWC18..	12-16 hours	yes

Suggested painting system - 2		
Product	Drying time (hours)	Sanding
6IMW4000/4500(series)	2-4 hours	no
6IWC18..	12-16 hours	yes

NOTICE: for the correct use of waterborne 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 product.
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.

For further information, please refer to our technical representatives.

SHELF LIFE: 2 years.

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.

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.