

PRODUCT: 6IMW9400
DESCRIPTION: Waterborne Impregnating Agent for Broadleaf (Hardwoods)
USE: Protection for Exterior Projects
APPLICATION SYSTEM: Dipping, flow-coating, brush, spray

CHEMICAL - PHYSICAL CHARACTERISTICS

SPECIFIC GRAVITY: 1.015 ± 0.010 (g/cc a 68° F)
DENSITY (WPG): 8.47 ± 0.010 (lbs/gal US at 68° F)
WEIGHT SOLIDS: 13.5% ± 1
VOLUME SOLIDS: 10.84% ± 1
VISCOSITY: 50" ± 5 (DIN 2 at 68° F) approximately 20" Zahn cup n°2
VOC (material): 0.25 lbs/gal US or 30.45 g/l
VOC (coating): 1.67 lbs/gal US or 199.70 g/l
VOC Ratio: 0.28 lbs VOC/lbs Solids
HAPS Ratio: 0.22 lbs HAPS/lbs solids

PREPARATION OF THE PRODUCT

6IMW9400 100 parts by weight
WATER 0-10 parts by weight (depending on the application requirements)

Or

6IMW9400 100 parts by volume
WATER 0-10 parts by volume (depending on the application requirements)

**This product meets U.S.A. TSCA regulations.
DSL Inventory: all the components are listed on the DSL inventory.**

APPLICATION CHARACTERISTICS

COVERAGE: 113 sqft/gal or 2.8 sqmt/l (1 mil dried)
APPLICATION AMOUNTS: 60-90 g/mq- 3-4 (wet mils)
NUMBER OF COATS: 1
DRY TIMES:
At 68° F (4 wet mils)
-**DUST FREE:** 60-90 minutes
-**TOUCH DRY:** 3 hours
-**OVERCOATABLE:** 12 – 16 hours

GENERAL PROPERTIES

6IMW9400 impregnator is specially formulated for the protection of broadleaf (hardwood) species. This coating reduces the typical problems of impregnating woods rich in tannins. This impregnating agent must be applied on substrate that has been sanded with 150-180 sandpaper. This product is available in several premade colors. It is also available in a clear version that can be tinted with 6PTW pastes. Application of the clear version is recommended when finishing pigmented systems. The pigments used to tint this impregnator are made up of iron oxides that absorb UV rays and help in the resistance of an ageing appearance.

6IMW9400 series cannot be mixable with the 6IMW9000 series (impregnator for softwoods).

NOTES: for a correct use of waterborne products remember that:

1. The products are extremely sensitive to the climatic variation: low temperature and/or high values of relative humidity highly increase the times of drying.
2. Do not apply with a temperature below 59° F
3. Do not apply above relative humidity of 84% without moving air and good ventilation.
4. In case of use of application equipment in common with solvent products it is necessary to wash accurately with water before the utilization of water based products.
5. In brush applications use synthetic bristles.
6. Do not discard residuals in drainage system.

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:

6FWB450	2K Exterior Sealer
6OWB045Gx0	2K Exterior Topcoat
6FWBP430S01	2K Exterior Primer
6OWBP043Gx0	2K Exterior Topcoat
6FWE900	Mono Clear Sealer
6OWE510G5S04	Mono 5 Sheen Clear Topcoat
6OWE1000Gx0	Mono Clear Topcoat
6OWE1001Gx0	Mono Honey Topcoat
6OWE600Gx0S04	3N1 Waterborne Topcoat
6FWP630	Mono White Primer
6OWP930	Mono White Topcoat
6IWC1800S01	Mono Walkable Wax Effect

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.