



Industria resine e vernici

TECHNICAL DATA SHEET

6IMW4418S05
11 - 2021

PRODUCT: 6IMW4418S05
DESCRIPTION: White Water Borne Impregnating Agent for Broadleaf
USE: Protection of furniture, windows and doors for exterior products
APPLICATION SYSTEM: Dipping, flow-coating, brush, spray

PHYSICAL AND CHEMICAL PROPERTIES

SPECIFIC GRAVITY: 1.260 ± 0.100 (Kg/l at 68°)
DENSITY (WPG): 10.52 ± 0.100 (lbs/gal US at 68° F)
WEIGHT SOLIDS: 51.2% ± 1
VOLUME SOLIDS: 38.03% ± 1
VISCOSITY: 30" ± 2" (DIN4 at 68° F) approximately 12" Zahn cup n°3
VOC (material): 0.64 lbs/gal US or 76.86 g/l
VOC (coating): 1.39 lbs/ga US or 166.37 g/l
VOC Ratio: 0.12 lbs VOC/lbs Solids
HAPS Ratio: 0.000 lbs HAPS/lbs solids

PRODUCT PREPARATION

6IMW4418S05: Ready to use or diluted with water 1:1

CHARACTERISTICS OF APPLICATION

COVERAGE: 90 sqft/gal or 2,2 sqm/l (1 mil dried)
APPLICATION AMOUNTS: 3 – 4 wet mils
NUMBER OF COATS: 1
DRY TIME :
(2 wet mils at 68° F and 65% r.h.)

Minimum times

TOUCH DRY : 3 hours
STACKABLE : 6 hours
SANDABLE: 8 hours
OVERCOATABLE : 12 – 16 hours

GENERAL FEATURES

6IMW4418S05 is a White Water Borne Impregnating Agent for hardwood species. This product offers good flow and wetting properties along with excellent hiding and uniformity of color. It can be applied on exotic wood species like Iroko, oak and chestnut but it can also be used on substrates that are rich in resins like pine, spruce, Douglas Fir and yellow pine.

Do not use the product with temperatures below 15°C and when relative humidity is high, since this will influence drying times and stackability properties.

NOTICE: for the correct use of waterborne products remember that:

1. This product is extremely sensitive to climate 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: 12 months, considering products closed and stored in original packages.

STORAGE: Keep in a fresh and wet ventilated places. Protect from frost.

Company Information: SIRCA S.p.A. has a quality system certified by DNV according to standard UNI EN ISO 9001/2008



The information given in this technical sheet is based on the best of our knowledge and experience. Sirca guarantees the consistency of the chemical/physical characteristics of its products within the tolerances indicated above. The final result is the full responsibility of the user, who before using it must check that the product meets his requirements in terms of safety, application equipment, material to paint and environmental conditions. Sirca's technical and commercial network is at your complete disposal to deal with any questions regarding how to correctly apply and use our products.