

PRODUCT: 6FWP630
DESCRIPTION: White water-based primer for exterior
USE: Doors, windows and joinery
APPLICATION SYSTEM: Spray (airless, airmix)

CHEMICAL – PHYSICAL CHARACTERISTICS

SPECIFIC WEIGHT: 13.026 ± 0,100 (lbs/gal at 68° F) or 1.30 ± 0.010 (g/cc at 68° F)
WEIGHT SOLIDS : 52% ± 1
VOLUME SOLIDS : 37% ± 1
VISCOSITY : 11000 ± 2500 mPa.s (Brookfield HB3 aspo 3 fastness 5)
TIX INDEX: 3.0 ± 0.5 (aspo 3 fastness 5 – 50 rpm)
VOC (material) : 0.64 lbs/gal or 76.68 g/l
VOC (coating) : 0.64 lbs/gal or 76.26 g/l
VOC Ratio: 0.15 lbs VOC/lbs Solids
HAPS Ratio: 0.02 lbs HAPS/lbs solids

APPLICATION CHARACTERISTICS

COVERAGE: 324 sqft/gal or 7.9 sqm/l (1mil dried)
NUMBER OF COATS: 1 max.
APPLICATION AMOUNT: 150 – 200 humid microns (6 – 8 wet mils)
DRYING:
(6 wet mils at 68° F and 65% u.r.)

Minimum times

DUST FREE : 45 min.
TOUCH DRY : 60 min.
STACKABLE: 8 - 12 hours
SANDABLE: 2 – 4 hours

PREPARATION OF THE PRODUCT

6FWP 630 : 100 parts by weight or volume
WATER : 0–10 parts by weight or volume (depending on the application needs)

GENERAL PROPERTIES

White mono-component water-based primer with good resistance to sinking, good sanding and minimum swelling of the grain. In addition, this product is characterised by an excellent wettability of the support and by an excellent build. The product is characterised by a good capacity of isolation from the extractives, from the colours of broadleaves (iroko, oak and chestnut) and from the resins of conifers (pine, douglas, red pine, yellow pine). In most of cases this insulating characteristic is enough to stop the colouring of the top coat by the substances that are present in the wood

In case of woods particularly rich in extractives and/or resins we suggest the application of one coat of PU insulating agent 6FPI35s06 catalysed with 6CT20 before the application of 6FWP630. So, we suggest to make some application trials before starting the most suitable painting cycle that has to be applied to the support. The good thixotropic properties of the product allow a vertical wet film of 180 microns to be reached. Keep in mind that the painting cycle must always start with one coat of impregnating agent, depending on the wood that has to be painted: 6IMW4800 for conifer woods or 6IMW4500 for broadleaf woods.

NOTICE: for a correct use of water based products remember that:

1. The products are extremely sensitive to climatic variations: low temperatures and/or high values of relative humidity increase consistently the drying times.
2. do not apply with temperature below 60° F.
3. Do not apply above relative humidity of 84% without moving air and good ventilation.
4. Whenever tools are used for normal application of solvent-based products, thorough washing with water before using water-based products is essential.
5. For brush application, bristles must be synthetic.
6. Do not discard residues in the sewers.

EXPIRY: 12 months

The dates refer to products held in their original, closed packaging.

STORAGE : Preserve with temperatures over 41° F. Keep from freezing.

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 bulletin has been drawn up to the best of our knowledge and experience.

SIRCA grants the stability of the chemical – physical features of her products within the parameters above reported.

The final result will be under the total responsibility of the user who will have to check that the product follows safety measures, the suitable application means, support, and environmental conditions.

Sirca's technical and commercial network is available for clarifying any issue regarding correct application of Sirca products.