

AF0618/00 – WITH UV PROHIBITOR WATERBORNE NATURAL FINISH CLEAR

DESCRIPTION & USES:

AF0618/00 is a two component, waterborne, transparent multi-coat (self-sealing) for interior timbers. This finish has excellent non-yellowing qualities (the coating film itself) and is formulated from new generation resins to achieve a very natural result in terms of the look, feel and colour of the timber/veneer. Suitable for kitchen doors, tables and chairs.

ADVANTAGES

Excellent chemical resistance
 Excellent insulating performance (from tannins and resins)
 Excellent non-yellowing performance
(Provides a level of protection to the substrate from discoloration caused by UV/sun light)
 Good fingernail scratch resistance
 Usable for Kitchens

UV PRO SPECS:

This special version of AF0618/00 is supplied with UV Prohibitor (benzotriazole, triazine UV absorbers & HALS) designed to improve the UV resistance and reduce the discolouration/yellowing of timber veneers (natural, dyed and reconstituted). UV- Absorbers prevent the breakdown of both the coating and the substrate by filtering out the UV rays. HALS stabilizers act as radical scavengers, significantly reducing the effect of UV exposure to both the coating and substrate.

DRY FILM PROPERTIES:

Colour/ Gloss Clear - 3% Natural

WET PROPERTIES:

Solid Content: Approximately 26%
 Viscosity in Drum: Approximately 55 seconds DIN 4 at 20°C
 Shelf Life: 15 months in sealed containers.
 Frost Sensitive: **Yes. Do not store or use in temps below 5°C.** Stir well before use.

APPLICATION:

**** AF0618/00 only to be applied in temperatures of at least 15°C ****

Method: Spraying conventional

Mixing Ratio:

Part A	Part B - Hardener		
	Choose hardener best suited to your substrate colour tone		
	Light/Blonde Tones	Red/Yellow Tones	Dark Tones
AF0618/00	AH1564/00	AH1550/00	AH1503/00
100 Parts	10 parts	10 parts	10 parts

Thinning: If required thin at 5% with water
 Application: 2-3 coats of 80-110g/m2. Sand between coats with 240 – 320 grit
 Pot Life: 2 hours (AH1564/00), 3 hours (AH1550/00), 4 hours (AH1503/00)
 Drying (100g/m2): Dust free: 30 min at 20°C
 Touch dry: 1 hour at 20°C
 Sand to re-coat: After 3 hours at 20°C or 1 hour at 50°C
 Sand the first coat to eliminate grain raising.
 Stacking: 24 hours at 20°C

**** Refer over page for important instructions... ****

FOR INDUSTRIAL USE ONLY Data shown are mean values and cannot be construed as product specifications. Users are advised to make their own tests to determine the suitability of products for their own purposes.

AUSTRALIAN DISTRIBUTORS FOR SHERWIN WILLIAMS & SAYERLACK

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Special instructions

- Sand the substrate well before coating.
- Sufficient product must be applied and care taken to ensure all areas (faces, sides, edges etc) are coated adequately as once dry it is difficult to decipher areas that have not received enough material given the natural effect of the product. Insufficient product application amount affects surface properties.
- Good ventilation is required for all types of drying.
- Store the product in rooms where the temperature does not fall below 5°C.
- During application, keep the product, the substrate and the room at a temperature of at least 15°C. If the product is applied to the substrate at a temperature under 15°C then the surface characteristics can be impacted which is not a defect of AF0618/00.
- The use of coating devices not in perfect order (defective gaskets, too high pressures) or of pumps with low capacity may cause major defects in the coating film (air bubbles).
- Coating residues (washing water, booth water, used coating) must be disposed of in accordance with current legislation. Do not pour residues down drains.
- In view of the wide variety of materials used for manufacturing wooden products, when switching from a solvent-based to a waterborne coating system it is always advisable to contact your suppliers' technical departments to check whether your equipment and components are appropriate or whether more suitable types exist. In particular, check: electrostatic guns, pumps, seals, silicones, glues, booth treatment water products, packaging materials, fillers, sandpaper, etc.
- Once the can has been opened, the product may rot because of the attack of bacteria commonly present in the air. This phenomenon is easily detectable because of the bad smell and by an increase in viscosity. We advise against recovering the product adding it to fresh product cans as well as leaving the cans open, particularly during summertime. The addition of 0.1÷0.5% of XA4051/00 increases the product's preservation (but only as a preventive action).

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