

Technical Data Sheet

AFL5916/00 MATT WATERBORNE SELF-SEALER FOR INTERIORS

DATE 03 November 2022

Gloss level:	10 gloss
Area of use:	Kitchen and office doors, flat parts, tables, turned parts, matchboards
Method of use:	conventional spray gun, airmix spray gun
Mixing procedure:	by weight AFL5916/00 100 AH1564/00 10 If required, thin at 5% with drinking water

Technical characteristics

Solids content (%):	25 ± 2
Specific gravity (kg/l):	1.050 ± 0.030
Viscosity (DIN 4 at 20°C):	60" ± 5"
* Pot-life at 20°C (hours):	2

General characteristics

Recommended application weight (g/m ²):	100 - 120
Numbers of coat	2 if used as self-sealer 1 on AU0392/00 to have warm wood 1 on AF0618/00 to have a natural wood
Drying (100 g/m ² at 20°C):	dust free 30' touch dry 90' stackable 16 hours
Drying (100 g/m ² at 40°C ventilated):	dust free 15' touch dry 45' stackable 4 hours
Shelf-life (months):	15

AFL5916/00 is an innovative low-gloss water-based topcoat for interiors with very high performances. Despite it is so matt it has very low nail polishing.

N.B.: DATA PROVIDED ON THIS TECHNICAL DATA SHEET CORRESPOND TO OUR BEST KNOWLEDGE AND EXPERIENCE. WE ASSURE CONSISTENCY ON THE CHEMICAL-PHYSICAL CHARACTERISTICS OF OUR PRODUCTS, WITHIN THE TOLERANCE LIMITS SPECIFIED ON OUR TECHNICAL DATA SHEETS. RESPONSIBILITY OF FINAL RESULT OF PRODUCT APPLICATION IS FULLY UP TO THE USERS, WHO SHALL MAKE SURE THAT THE PRODUCT CORRESPONDS TO THEIR OWN NEEDS WITH REGARD TO APPLICATION SYSTEM, TO SUBSTRATES USED AS WELL AS TO WORKING CONDITIONS.
WARNING: ACTUAL VISCOSITY OF SOME PIGMENTED AND/OR THIXOTROPIC PRODUCTS MAY DIFFER FROM THE VISCOSITY SHOWN ON THE TECHNICAL DATA SHEET. DIFFERENCES ARE TO BE REGARDED AS ACCEPTABLE IF WITHIN 30% MAXIMUM.

COMPANY WITH
MANAGEMENT SYSTEM
- UNI EN ISO 9001 -
- UNI EN ISO 14001 -

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Company under the direction and coordination of The Sherwin-Williams Company, USA

Its exceptional properties are listed below:

- gloss uniformity at different point of view
- excellent wetting
- born as self-sealer it can also be used as topcoat on two-component waterborne basecoat and in particular we recommend AU0392/00 and AF0618/00
- very low nail polishing compared to all other waterborne or solventborne topcoat in this gloss
- stackable after 16 hours if dried at room temperature and after 4 hours if dried at 40°C in ventilated oven
- very good transparency even in 2 coats
- very high resistances to:
 - cold liquids according to UNI EN 12720
 - hand creams
 - dry and wet heat at 100°C according to UNI EN 12721 and 12722
 - metallic sponge
 - scratch test according to UNI CEN/TS 15186
 - dirt retention according to UNI 9300
 - cleaning with solvents

Special instructions

- 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.
- 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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