

Technical Data Sheet

AUL3179/00
HYDROPLUS WATERBORNE BASECOAT FOR INTERIORS
Supersedes previous issue dated

DATE 12/12/12

Colours	00 clear
Areas of use:	Turned parts, frames, assembled furniture, panels, stairs.
Method of use:	Spray: conventional, airmix, airless and electrostatic spray guns (equipment suitable for waterborne products shall be used).
Thinning:	Ready to use. Only if necessary, thin with water.

Technical characteristics

Solids content (%):	29 ± 1
Specific gravity (kg/l):	1.040 ± 0.030
Brookfield viscosity (cps):	10000 ± 2000 cPs

General characteristics

Drying time (100 g/m ² at 20°C, 65% relative humidity):	Dust free:	30 min.
	Touch dry:	60 min.
	Overcoating:	2 hours
	Sanding:	4 hours
	Stacking:	24 hours
Recommended application weight (g/m ²):	From 80 to 160 per coat	
Spreading rate (m ² /kg):	From 6 to 12	
Number of coats:	From 1 to 3 max.	
Interval between coats	2 – 4 hours	
Shelf-life (months):	15	

AUL3179/00 is a one-pack waterborne basecoat designed for interiors.

Its features are the following: high transparency, good wood reviving properties, high build and vertical hold, and excellent sanding. Thanks to all the above, AUL3179/00 is the ideal product for all those woodwork with a complex geometry, implying an extensive manual work such as turned parts, assembled furniture, etc.

Closed pore or semi-closed pore can be achieved with just 2 coats of 80-140 g/m² each with an interval of 2 hours in between, in good drying conditions and with air circulation (at 20°C and with 65% of relative humidity). Under these circumstances, AUL3179/00 is sandable after 3-4 hours. Lower temperatures and higher relative humidity imply a longer drying time.

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

Sherwin-Williams Italy S.r.l. – con unico socio
Via del Fiffò, 12 - 40065 Pianoro (BO) - Italia - C.P. 18
tel. +39 051 770 511 - fax +39 051 777 437
www.sayerlack.com
Cod. Fisc. e Reg. Impr. Bo 08866930152
P. IVA: IT 00494251200 - R.E.A. n. 313180
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Company under the direction and coordination of The Sherwin-Williams Company, USA

When a higher build is required, a third coat can be applied, but waiting at least 4 hours; in this case, sanding can take place only after 6-8 hours.

Sanding of the basecoat

We suggest 240-320 grit sand papers. For best results, use stearate sandpaper, which provide much higher efficiency than conventional sand paper. Ask your abrasives supplier for information on specific papers for waterborne products.

Application of topcoat

AU0420/00 basecoat can be overcoated with any of the HYDROPLUS waterborne topcoats or self-sealers.

General 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.
- 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.

For further information on all stages of furniture coating using waterborne products, consult our technical booklet "GENERAL GUIDELINES ON THE USE OF WATERBORNE COATINGS FOR INTERIORS".