

Technical Data Sheet

AU0406/13 HYDROPLUS 1-PACK WATERBORNE BASECOAT FOR MDF - WHITE

Supersedes previous issue dated 04/18/11

DATE 05/23/12

Colors:	13 white
Area of use:	flat parts, frames, baseboards, doors
Method of use:	airmix, airless, conventional spray gun
Thinning:	water 5% max.

Technical characteristics

Solids content (%):	58 ± 1
Specific gravity (kg/l):	1.393 ± 0.030
Viscosity (DIN 4 at 20°C):	70" ± 5"

General characteristics

Recommended application weight (g/m ²):	from 80 to 200 per coat
Number of coats:	max. 3
Shelf-life (months):	12

AU0406/13 is a 1-pack basecoat applicable by spray directly on MDF or Masonite substrates. It has a high pigment content and a high solids content, thus ensuring an excellent filling power and an even color even at 100-150 g/m² application weights, thanks to excellent wettability.

Thanks to its elasticity, drying can take place in the oven (max 180 g/m²) at 40°C with 5m/s forced air; under these conditions, AU0406/13 achieves touch dry after approximately 8 minutes. It is advisable to use NIR lamps in order to further reduce drying time.

At room temperature (20°C, 65% R.U.), touch dry is approximately 25 minutes and sanding can be carried out after at least 60 min.

Special instructions

- During application, the temperature of the product, the substrate and the environment must be no lower than 15°C.
- Coating residues (washing water, booth water, used coating) must be disposed of in accordance with current legislation. Do not pour residues down the drain.
- In view of the wide variety of materials used for manufacturing wooden products, when switching from a solvent-based to a waterborne painting 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, putties, sandpaper, etc.

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.