

# SPECIFICATION FOR Opaque WINDOW & DOOR SYSTEM ON (NEW) HARDWOOD

wood species which can cause tannin staining such  
as Idigbo, Oak, Poplar and Sapele

**SYSTEM PERFORMANCE:** A fully factory applied coating system for exterior joinery, doors and windows  
Purpose and application: Hydrolux woodcoatings offer a great protection to the timber. Its designed for application by automatic and manual (air assisted) airless spray. It will ensures low water-uptake and high UV-resistance.

**SYSTEM:** A fully factory applied coating system for exterior joinery, doors and windows

Preservative treatment using 17-0699 Hydrolux Impregnation may be used where increased protection against blue stain and moulds are required depending of the application and exposure.

**IMPORTANT NOTES:**

- 1: Always apply Hydrolux end grain sealer on all ends timber and around joints prior to your base coat.
- 2: It is adviced to use 17-0699 if increased protection against surface moulds is desired. If used apply impregnation prior to Hydrolux Filling Primer and dry for at least 4 hours.
- 3: Flow-coat with 17-0548 Hydrolux Flow-coat is possible as first layer. Consult Anker Stuy technical advisor for more information.

**SURFACE PREPARATION:**

**REMOVE SURFACE CONTAMINANTS**

Examine the surface for the presence of sap, grease, oil, wax, tannin, building marks, or other contaminants. Scrape off and remove residual contaminants by solvent cleaning. Use scraper to remove dirt and mortar splashes. Do never sand back dirt and contaminants on timber.

**SANDING RECOMMENDATIONS:** Sand dressed timber with fine sandpaper (minimum P100 and maximum P200 ) in the direction of the woodgrain. Round off all sharp edges to a minimum of 3mm radius.

**EXPOSURE** Timber should not be exposed to the weather until the timber has been fully coated.

**MOISTURE CONTENT:**

Always check timber moisture content prior to applying the end grain sealer and/or first primer coat. Prior to machining and application of end grain sealers and coatings, the timber must be at a suitable moisture content. We recommend a moisture content of between 12% and 16% for regular timber and less than 8% for Accoya. (EMC >8%).

The technical specification						
System specification	Dry film thickness		Wet film thickness		Drying time (18°C and 65% R.H.)	
	per coat (µm)		per coat (µm)			
	min.	max.	min.	max.	Hours	
First coat	40	65	120	175	3	
Hydrolux ISO Primer 17-0537						
Second coat	40	65	120	175	4	
Hydrolux ISO primer 17-0537						
Third coat	40-	65	120	175	4	
Hydrolux Topcoat SM 17-0648 For Semi-Gloss = 17-0649 For Gloss = 17-0650						
Action between first and second	Lightly de nib and dust off					

**Special note to prevent tanning:**

Bleeding of wood can be prevented by using this product. But application conditions are also important.

- Provide adequate ventilation so that the water can evaporate from the paint.
- Ensure good temperature and humidity household (above 15 degrees Celsius and below 70% humidity)
- Make sure you don't dilute the product
- Spray no thicker than 250 microns wet in 1 layer

**MAINTENANCE:**

Anker Stuy coatings are designed for low water uptake and comply with Certification and are audited every 12 months by the SKH wood institute in The Netherlands. Other unique features of Hydrolux products are fast processing and curing times excellent flow and wet adhesion with excellent outdoor durability and minimal gloss- and colour retention.

The surface should be dry and free from contaminants prior to overcoating.

**DISCLAIMER:**

The information provide in this specification sheet is for guidance only. Additional information on process control and application methods is given in Anker Stuy KOMO statements. Which are available from your representative. In the event of doubt or answered topics do always consult an Anker Stuy representative for further information and clarification.

**Storage** cool and frost-proof, the quality of the product should not. Deteriorate during the storage

**Shelf life** minimal 6 months in unopened tin.

**Special note** for more information, see the safety data sheet of this product.

**MSDS available online and upon request. Check [www.ankerstuishop.co.uk](http://www.ankerstuishop.co.uk)**

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