

# SPECIFICATION FOR OPAQUE WINDOW SYSTEM ON (NEW) ACCOYA

**Accoya® is the brand name of modified wood which uses a process called acetylation and which consists in modifying the wood cell structure using acetic anhydride.**

**Accoya® wood is manufactured via a nontoxic treatment and uses fast growing softwood from sustainable sources.**

**Accoya is a highly durable, Class 1 timber but it must be primed for protection against surface moulds and yeasts.**

## **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 accoya 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 surface 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 advised 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 2 mm radius.

### **EXPOSURE**

Timber should not be exposed to the weather until the Accoya has been fully coated.

### **MOISTURE CONTENT:**

Always check Accoya's moisture content prior to applying the end grain sealer and/or first primer coat. Ensure that the moisture content of the prepared Accoya is always below 8% (EMC <8%). Do never expose bare Accoya to direct water or rain prior to preparing the surface.

## THE TECHNICAL SPECIFICATION

System specification	Dry film thickness per coat (µm)		Wet film thickness per coat (µm)		Drying time (18°C and 65% R.H.)
	min.	max.	min.	max.	Hours
First coat - Hydrolux Filling Primer 17-0540 Also optional as primer 17-0535 or 17-0537	50	65	120	175	3
Second coat - Hydrolux Filling Primer 17-0540 Also optional as primer 17-0535 or 17-0537 (for dark colours see specification dark finishes)	50	65	120	175	4
Third coat - Hydrolux Topcoat SM 17-0648 - Hydrolux Topcoat SG 17-0649 (Semi-Gloss) - Hydrolux Topcoat Gloss 17-0650	50	65	120	175	4

Action between first and second



### MAINTENANCE:

Anker Stuy coatings are designed for low water uptake and comply with **Komo** 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.

