

SPECIFICATION FOR TRANSLUCENT 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 window

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

2: Translucent coating systems should always contain a minimal level of pigment to enhance UV protection of the system. Best depth appearance and longevity performance is achieved with a higher level of pigmentation in the first coat and less in second and third coat. See colour charts for examples.

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.

COATING SPECIFICATION SUMMARY:

	Spreading rate wet paint g/m ²				Drying time (18°C and 65% R.H.)
	Dry		Wet		
First coat	Dry		Wet		Minimum hours
17-0699 Hydrolux Impregnation Or optional: 16-0200 Ankolux Basestain	10 Dry film thickness per coat (µm)		50 Wet film thickness per coat (µm)		4
Second coat	min.	max.	min.	max.	4
17-0695 Aplex Aqua Woodcoat TP	60	70	150	200	
Third coat	60	70	150	200	4
Aplex Aqua Woodcoat TP					

In the event of any doubt or questions, do always contact Anker Stuy's technical support division prior to any coating application works.



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.

