

# SPECIFICATION FOR OPAQUE cladding ON (NEW) TIMBER

**SYSTEM PERFORMANCE:** A fully factory applied coating system for exterior cladding

**PURPOSE & APPLICATION:** Hydrolux & Ankolux woodcoatings offer a great protection to the timber. Both of these systems are designed for application by automatic and manual (air-assisted) airless spray. These products ensure 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 End Grain Sealer on all end grains and around joints after application of base coat.
- 2: It is advised to use 17-0699 if increased protection against surface moulds is desired. If used apply impregnation prior to second coat and leave for at least 4 hours before applying.
- 3: 17-0699 Hydrolux flow-coat with 16-0201 Ankolux Impregnating Woodstain 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.) Hours
		per coat (µm)		per coat (µm)		
		min.	max.	min.	max.	
First coat		10	20	40	50	3
17-0699 Hydrolux Impregnation Or 16-0201 Ankolux Impregnating Woodstain						
Second coat		50	60	100	150	4
16-0219 Ankolux Aqua Woodstain Or 16-0202 Ankolux Hydrostain						
Third coat		50	60	100	150	5
16-0219 Ankolux Aqua Woodstain Or 16-0202 Ankolux Hydrostain						
Action between first and second		Lightly de nib and dust off				

**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 Ankolux products are fast processing and curing times excellent adhesion and fantastic 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.ankerstuyshop.co.uk](http://www.ankerstuyshop.co.uk)

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