



accoya

ACCOYA



WE MAKE PAINT SPECIAL

SUSTAINABLE & INNOVATIVE SINCE 1898

Anker Stuy Coatings work in partnership with Accsys Technologies to offer the best coating performance on Accoya® with coatings formulated to provide optimum adhesion, giving outstanding long-term durability.

The unique properties of Accoya® include its inherent stability which results in very limited dimensional movement. This translates to a higher resistance to the shrinkage and swelling exhibited by even the most stable of other timbers. The greatly reduced movement combined with the highly moisture resistant and durable nature of Anker Stuy coatings affords years of outdoor durability with virtually no tendency to crack or flake

in service. Even with very dark shades such as black or dark grey, the solar heat gain that can result in rapid changes in the dimensions of many commonly used joinery timbers is negated.

Both opaque and translucent coating systems are being field tested by both Accsys Technologies and Anker Stuy at their respective facilities in the Netherlands. Anker Stuy's new Hydrolux coating system with unique Tri-Cryl technology ensures outstanding coating performance with paint durability comfortably exceeding 10 years. More information about this coating and the application recommendations on Accoya® are detailed on the following pages.

### RECOMMENDED COATING SYSTEM

#### End grain sealing – 25-0352 Hydrolux End Grain Sealer

Apply a liberal coat of 25-0352 end grain sealer by brush to all exposed end grain sections prior to the application of further spray finishes.

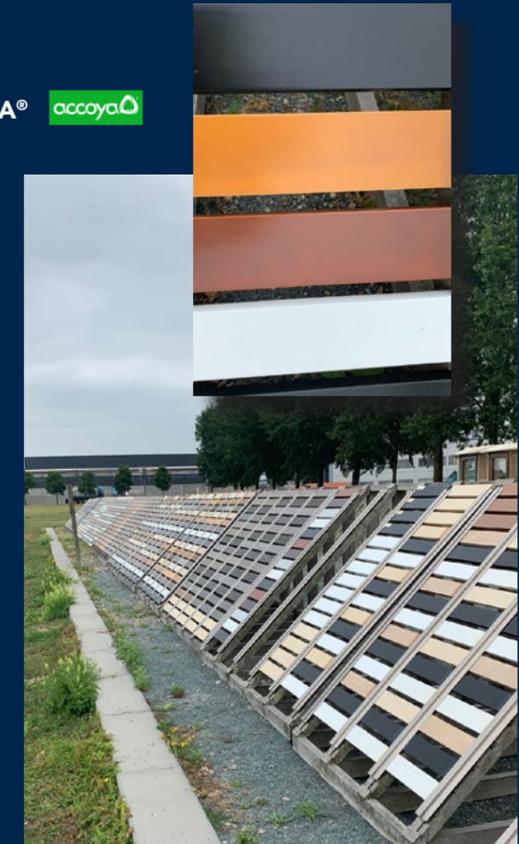
Coat 1 – Hydrolux Primer/Midcoat 17-0535	Spraying air assisted airless	
Wet film thickness	150-170µm	
Flash off (per coat)	Temperature	≥ 15°C
	Relative Humidity	≥ 50%
	Air speed	Zero
	Time	2-10 mins
	Time	2-10 mins
Drying (per coat)	Temperature	≥ 18°C
	Relative Humidity	≤ 65%
	Air speed	≥ 0.2m/s
	Time	≥ 2 hours
	Time	≥ 2 hours

Coat 2 – Hydrolux Primer/Midcoat 17-0535	Spraying air assisted airless	
Wet film thickness	150-170µm	
Flash off (per coat)	Temperature	≥ 15°C
	Relative Humidity	≥ 50%
	Air speed	Zero
	Time	2-10 mins
	Time	2-10 mins
Drying (per coat)	Temperature	≥ 18°C
	Relative Humidity	≤ 65%
	Air speed	≥ 0.2m/s
	Time	≥ 2 hours
	Time	≥ 2 hours

Coat 3 – Hydrolux Topcoat SM 17-0645	Spraying air assisted airless	
Wet film thickness	150-170µm	
Flash off (per coat)	Temperature	≥ 15°C
	Relative Humidity	≥ 50%
	Air speed	Zero
	Time	2-10 mins
	Time	2-10 mins
Drying (per coat)	Temperature	≥ 18°C
	Relative Humidity	≤ 65%
	Air speed	≥ 0.2m/s
	Time	≥ 4 hours
	Time	≥ 4 hours

### BEST PRACTICE TIPS ON COATING ACCOYA®

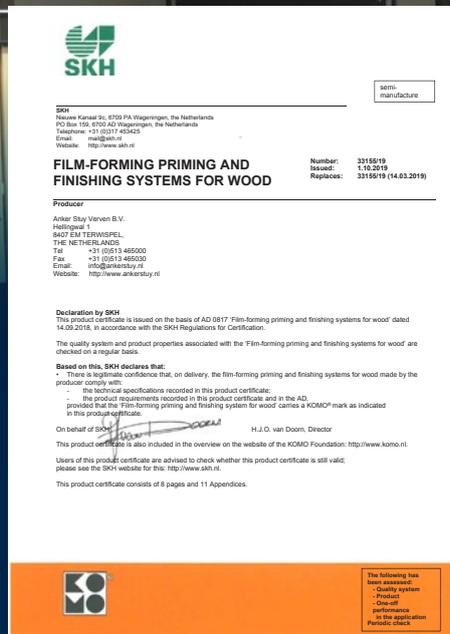
- ✓ End grain sealing: All exposed end grain on cladding boards and joinery sections should be coated with Anker Stuy's KOMO-certified Hydrolux end grain sealer 25-0352.
- ✓ While Accoya® wood fibres take on a minimal amount of water, giving Accoya® its exceptional stability, it can still contain free water in the air gaps between the wood fibres. Final product quality can be harmed by any excessive free water. Always check the initial moisture content prior to processes such as gluing and coating.
- ✓ The need to sand when using Accoya® is reduced. Tests have shown that it is often not necessary to sand Accoya® between applications of water-based coatings since grain raising caused by moisture uptake is minimal. A very light sanding with P240 to P320 abrasive will be sufficient.



### RE-DECORATION INTERVALS

When applied correctly Anker Stuy factory applied coatings systems will offer the following maintenance cycles on windows and doors.

Coating Type	Window Position	Ground floor & first floor	2nd floor and above or on a hill side	Mountainous or coastal regions (within 3 miles of the coast)
Paint and dark coloured paint finishes	Set back	11-13 years	10-12 years	8-10 years
	On facade	10-12 years	8-10 years	6-8 years
Highly translucent light coloured stain finishes	Set back	9-11 years	7-9 years	6-8 years
	On facade	8-10 years	6-8 years	5-7 years



## FOR MORE INFORMATION

Anker Stuy's paint experts work closely with joinery and construction companies. It is important that we become involved in your construction or production process as early as possible. This will allow us to give you the right advice in good time, which will definitely benefit the lifespan and appearance of your project. We would also be delighted to explain our guarantees to you in person.



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