



Enhancing Joinery Performance with Remmers





Accoya windows and doors are designed and manufactured using the best available materials and techniques will provide an extended service life with low maintenance.

These best practice guidelines will help to ensure good performance and high-quality long-lasting appearance for your windows and doors over their expected service life.

It is best practice and strongly recommended for fully factory, spray applied joinery coatings. If that is not an option, and on-site finishing is required, then at least the following steps 1 to 3 should be completed prior to installation, followed by the relevant topcoats before the joinery gets wet.

When carrying out decoration works ensure the temperature is above 5°C. It is also important that the relative humidity does not exceed 80%. Do not apply in rain or when there is mist in the air and avoid application on days where there is a very high risk of rain.

Brush Coatings for New Accoya Windows and Doors

Opaque

Surface Preparation

The surface of the Accoya wood should be clean, dry (below 8% moisture content), and free of dust, grease and other pollutants. Fill any exposed open joints or surface imperfections with the appropriate sealer/filler and allow to thoroughly dry. Prepare the surface of the timber with 120-240 grit paper or de-nib pads. Remove dust created with a damp (**not wet**) sponge and allow to dry.



Apply one coat of Induline SW-900 clear preservative to all opaque coating systems.



Coating Procedure

Using high quality synthetic brushes and the minimum amount of brush strokes when applying. For drying times, refer to Technical data sheets.

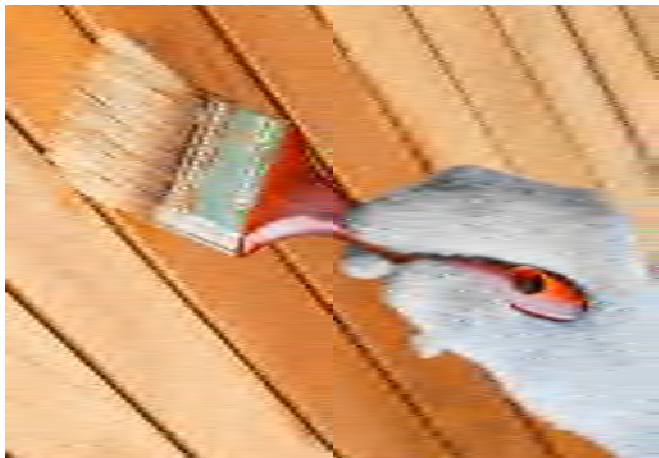
Step 1	Apply 1 st liberal coat of AG-26 primer and allow to dry thoroughly
Step 2	Apply minimum 2 coats SW-910 end grain protection to all treated cut ends and allow to dry.
Step 3	Apply 2 nd liberal coat of AG-26 primer and allow to dry thoroughly.
Step 4	De-nib between coats using minimum 180 grit paper or de-nibbing pads. Remove dust created with a damp (not wet) sponge and allow to dry.
Step 5	Apply 1 st liberal coat of DL-65 top coat and allow to dry thoroughly.
Step 6	Apply 2 nd liberal coat of DL-65 top coat and allow to dry thoroughly.

Allow recommended drying times between coats. (refer to Technical Data Sheet)

Translucent

Surface Preparation

The surface of the Accoya wood should be clean, dry (below 8% moisture content), and free of dust, grease and other pollutants. Fill any exposed open joints or surface imperfections with the appropriate sealer/filler and allow to thoroughly dry. Prepare the surface of the timber with 120-240 grit paper or de-nib pads. Remove dust created with a damp (**not wet**) sponge and allow to dry.



Coating Procedure

Using high quality synthetic brushes and the minimum amount of brush strokes when applying. For drying times, refer to Technical data sheets.

Step 1	Apply 1 st even coat of HSL-35 base stain and allow to dry thoroughly.
Step 2	Apply minimum 2 coats SW-910 end grain protection to all treated cut ends and allow to dry.
Step 3	Apply 1st even coat of DSL-55 top coat and allow to dry thoroughly.
Step 4	De-nib between coats using minimum 180 grit paper or de-nibbing pads. Remove dust created with a damp (not wet) sponge and allow to dry.
Step 5	Apply 2 nd even coat of DSL-55 top coat and allow to dry thoroughly.
Step 6	(optional best practice) Apply one further even coat of DSL-55 top coat and allow to dry.

It is recommended to fulfil step 6. This step will enhance the performance of the coating and is particularly important for exposed locations.

Allow recommended drying times between coats. (refer to Technical Data Sheet)

Cut ends

In the event that it has been necessary to cut cill ends to fit a window it is essential that the cut end is properly treated and coated as above instructions.

Opening of joints

Due to the dimensional stability of Accoya it is unlikely that joint instability will occur, however over time it is possible for joints to open. If this should happen the joint must be repaired promptly by filling any gaps and reinstating the coating with the appropriate finish.

Surface Defects

Fill any surface defects with Remmers fillers. For larger areas use Induline 2K filler and smaller surface defects use Induline Fast Filler.



Fill any open joints with Induline AF-920 V-Joint Filler. This must be allowed 2 hours to dry before application of subsequent coatings.



Damage to the coating

When the surface of the coating becomes damaged by knocks and heavy abrasion the protective envelope is breached. This can allow moisture ingress and degradation of the timber surface by sunlight.

If the Accoya windows or doors are damaged during installation and this has caused opening of the joints, or damages to the glazing sealant, these damages must be rectified as soon as possible. Failure to do this promptly will lead to problems with the coating system.

Surface damage repairs

To any damaged areas of coating, sand the damaged area (feather in), to try and remove any step between the damage and the rest of the sound coated surface. Once this has been achieved, follow the previous guidance for surface preparation and subsequent steps for opaque or translucent coatings. Allow recommended drying time between coats.

Maintenance

Simple steps such as wiping down the joinery finish on a regular basis to remove dirt and insects will help extend the lifespan of the decorative finish and therefore the joinery and can be done at the same time as cleaning the glass.

Annual maintenance using the Remmers Care Set, as detailed below, will help to extend redecoration intervals, as will the following household maintenance steps:

- Each spring, inspect the joinery and spot repair any minor areas of coating damage, shakes and open joints. Follow previous guidance.
- At the same time inspect the glazing lines to ensure the seal is intact and will shed water away from the timber sash.



1.	Clean coated timber surfaces on a regular basis. This can be done when the window panes are cleaned. If mould or algae are present these should be removed by washing with a diluted solution of household bleach (3 parts water, to 1 part bleach). Rinse with clean water after washing with bleach solution.
2.	Every 12 months clean coated timber surfaces with the Remmers cleaning product (included in the care sets). Ensure residues are wiped off and allowed to dry.
3.	After the above cleaning procedure using the Remmers cleaning product, apply the Remmers Care Balsam with a soft lint free cloth, (both included in the care sets).

The Care Set offer the following benefits:

- Cleans surface removing any damaging dirt or mould
- Restores gloss level helping improve water shedding properties of the coating system.
- Provides a sacrificial film layer that reduces the erosion of the factory applied coating system.

Even the highest performing coatings systems like Remmers will require care and eventually renovation with our superior quality brush applied coatings. Before redecoration it is essential to make sure that any damages are repaired promptly, and the coating is cared for in the right way.

Redecoration of coated surfaces using Remmers Coatings

1.	All surface require a thorough clean before any coating application takes place.
2.	Ensure the temperature is above 5°C when redecoration is being carried out. It is also important that the relative humidity does not exceed 80%. Do not apply in rain or when there is mist in the air and avoid application on days where there is a very high risk of rain.
3.	If there is any doubt about the substrate or underlying paint film, apply the appropriate product to a small inconspicuous area, allowing to dry for 24 hours and then inspect for appearance and adhesion to substrate.
4.	Check for damaged coatings and rectify as set out previously.
5.	Once this has been achieved, follow the guidance for surface preparation and subsequent steps for opaque or translucent coatings. Allow recommended drying time between coats.
6.	If a clean and sound surface is surveyed, follow previous guidance steps 4-6 for opaque or translucent coatings (ensuring the correct colour / tones are used).

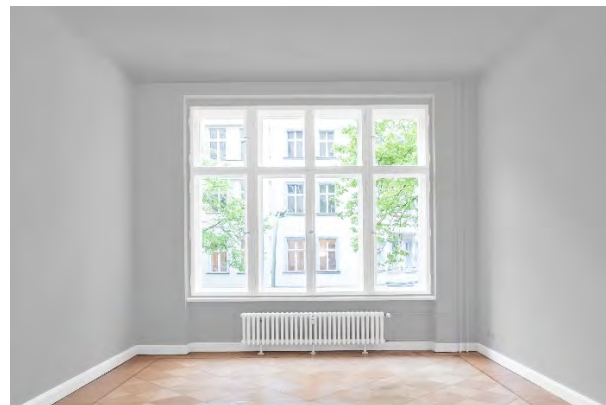
Applying water-based paints:

- Load the coating generously onto the surface and disperse the paint briskly.
- Even out the coating with light diagonal cross grain strokes – do not over brush – the coating will level and flow naturally.
- Finish the application with light brush strokes in the direction of the grain, taking care to do so around the joint intersections. Apply and finish each section systematically, one component at a time e.g. top rail followed by the stiles and then the bottom rail.

Before



After



Remmers products:

Induline SW-900 Impregnation Primer

Liquid, water-based wood preservative.



Aqua AG 26 Universal Primer

Adhesive primer with sealing action against substances contained in wood.



Induline SW-910

Water-based protective agent for end-grain wood.



Aqua DL-65 Top PU

Water-based top coat for windows, doors and other high-value wood elements.



Aqua HSL-35

Water-based, quick-drying, 3in1 premium wood stain.



Aqua DSL-55 High Build Stain PU

Water-based high-build stain with very good levelling properties.



Induline AF-920 Acrylic Joint Protection HF

For elastic sealing of open joints



Induline 2K Filler

For levelling out uneven areas



Induline Fast Filler

Dispersion-based 1K-filler



Care Set for Windows

For painted and stained wooden windows.



Care Set for Doors

For painted and stained wooden windows.



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