



## Remmers care and maintenance advice for Window and Door finishes

Achieving high performance long life systems with Remmers finishes





## REMMERS COATING SYSTEMS WILL LAST FOR YEARS AND YEARS IF YOU TAKE CARE OF THEM

Care for your windows and doors to ensure long term performance

Your timber windows and doors are treated with a high performance Remmers coatings system. While this offers very long term performance against the harsh UK climate it eventually requires renovation by a high quality brush applied Remmers coating.

Even before the redecoration of the coating it is essential to make sure that any damages are repaired promptly and the coating is cared for in the right way. This document gives advice on the care and maintenance of the high quality Remmers factory finish.

Remmers give comprehensive advice to manufacturers who apply the ultra high performance Induline factory applied coating system.

This advises that all small gaps where there is a risk of water uptake should be filled, and the windows and doors will be designed in such a way that water can shed away from areas such as glazing lines.

### **Installation damages**

If the 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. Failure to do this promptly will lead to problems with the coating system.

### **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 before installation is complete. The relevant Remmers preservative or Remmers stain preservative must be applied liberally to the cut end. Once dry Induline SW-910 end grain protection must be applied to the preserved cut end and allowed to dry. In the case of opaque finishes a coat of Remmers sealing primer should then be applied to build up the protective film. Finally after the Sealing primer has dried two coats of the appropriate Remmers finish should be applied to finish off the cut end. Allow drying between coats.

### **Opening of joints**

Over time it is possible for joints to open up due to the differential movement between two pieces of timber at a joint. If this should happen the joint must be repaired promptly by filling any gaps and then repainting them with a suitable finish. How to do this is explained later.

### **Physical damage to the coating**

Only when the surface of the coating becomes damaged by knocks and heavy abrasion does the protective envelope become breached. This can allow moisture ingress and degrading of the timber surface by sunlight. Repair physical damage in line with the advice given later.

# OPEN JOINT AND DAMAGE REPAIR

## Open joints

Fill any open joints with Induline AF-920 v-joint filler. This must be allowed 2 hours to dry before application of subsequent coatings. Drying is at 20°C and 60% relative humidity. This product can be obtained from Remmers UK ltd contact [sales@remmers.co.uk](mailto:sales@remmers.co.uk)

Induline AF-920 can be overcoated with a wide range of Remmers coatings. To provide the best match to the factory applied finish it is wise to apply the same top coat finish as used in the factory. These products must be modified to make them suitable for application by brush. Remmers UK supply an additive for this purpose. Either obtain the factory applied coating finish incorporating the additive from your joinery supplier or contact us on [sales@remmers.co.uk](mailto:sales@remmers.co.uk)



## Surface damage repairs

To any damaged areas of coating sand the damaged area to try and remove any step between the damage and the rest of the sound coated surface. Once this is achieved to any bare timber apply the Induline GW-306 (in the desired shade). For opaque finishes once the GW-306 is dry, apply Remmers Sealing primer. Finally apply 2-3 coats of the relevant finish incorporating the mix and go additive. Allow 3 hours drying between coats. Drying is at 20°C and 60% relative humidity. It is vital that a suitable nylon bristle brush suitable for the application of water-borne finishes is used.

# CARE INSTRUCTIONS FOR REMMERS SYSTEMS

To benefit from the Remmers factory applied coating system, and achieve the longest possible lifespan with the coating, it is essential to care for the coating finish. Nobody would dream of leaving their car dirty and unprotected for years on end, as this would of course affect the look, protection and any warranties regarding the paint work.

External timber products also need regular attention in order to reduce the need to redecorate, and also to ensure life-time performance. If proper cleaning and maintenance is undertaken as described below, then the finish will last for many years without the need for renovation. This is no more difficult than when you give a car a wash and polish. Follow the procedure below to conform with the Remmers long life system.



- 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: 1 part bleach). Rinse with clean water after washing with bleach solution.
- 2) Every 6 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 (included in the care sets) with a soft lint free cloth.

The care set offers 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 coating that reduces the erosion of the factory applied coating system

# MAINTENANCE SCHEDULES

The maintenance period is greatly affected by exposure and building and joinery design.

The table below demonstrates the expected maintenance schedule for coated windows.

In highly built up areas where there is a lot of dirt pollution in the air it is essential that the wooden parts of the window are cleaned when the glass is cleaned.

This helps to avoid dirt contamination and reduces the chances of mould growth.

On sharp edges the coating film has a lower thickness. On these areas maintenance may be required sooner. In coastal locations where dry sand blasting occurs maintenance will be required on a more regular basis.

Dark colours are highly susceptible to solar heat gain and therefore may be prone to excessive movement or resin exudation on knots.

Resin removal can be affected by gently scraping off the bulk of any hard resin. The remaining resin can be removed by wiping the surface with a cloth dampened with some methylated spirits. The above procedure for removal of resin should only precede a redecoration of the coating.

Coating type	Window position	Ground floor & first floor	2nd floor and above or on a hill side	Mountainous or Coastal regions
White or light coloured paint	Set Back	8-10 years	6-8 years	4-6 years
	On facade	6-8 years	6-8 years	4-6 years
Dark coloured paints or medium and dark stain finishes	Set Back	6-8 years	4-6 years	3-4 years
	On Facade	4-6 years	4-6 years	3-4 years
Highly translucent stains such as light oak and pine	Set Back	3-4 years	2-3 years	1-2 years
	On Facade	2-3 years	2-3 years	1-2 years

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# REDECORATION OF WEATHERED COATING SURFACES USING REMMERS COATINGS

There is a choice of water based or solvent based systems that can be used. For opaque finishes apply Remmers Compact Opaque PU (water based) or Remmers UV Opaque Top (solvent based). For translucent finishes apply Remmers Compact Stain PU (water based) or Remmers UV Translucent Top (solvent based).

## Procedure

- 1) All surfaces require a thorough clean before any coating application takes place.
- 2) Check for damaged coatings and rectify as follows: - Prepare by the de-nibbing of the timber surface with a p240 grade abrasive, taking care to follow the line of the grain.
- 3) Bring forward by applying a full coat of primer/base stain, ensuring that the end grain is also coated if exposed.
- 4) Once a clean and sound surface is obtained apply a coat of the appropriate Remmers maintenance product. Always use a high quality nylon bristle brush for the application of the water based products.
- 5) Allow 16 hours between coats for the solvent based products and 4 hours between coats for the water based products. After drying a light denib with a very fine abrasive paper (p240 grade or finer) may be required.
- 6) Apply a second coat of the appropriate Remmers maintenance product.

