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Care and Maintenance Guide for Opaque Coating Systems

Opaque Coatings- Factory Applied

Your windows, doors and cladding have been finished with a highly durable factory applied Sikkens Opaque Coating system.

Detailed instructions for the general maintenance and redecoration are given below.

To achieve lifetime performance it is vital that the protective coating system remains intact.

If the guidelines are followed with regular inspection and cleaning, a simple one coat redecoration with minimal preparation is all that will be required.

Where applicable the Sikkens 'Maintenance Milk' concept should be incorporated into the maintenance procedure. Contact your joinery manufacturer or coatings supplier for full details and supply.

General Maintenance

The following general maintenance requirements should be carried out on a regular planned basis to avoid excessive preparation and maintenance costs and will satisfy a best value maintenance requirement. It is recommended that a twice yearly cleaning and inspection regime is strictly adhered to.

General Cleaning

Wash with warm water and a liquid detergent solution to remove any contaminants, frequently changing the water. Rinse thoroughly with clean water to remove all residues. Allow to dry.

Mould and algae

Areas affected by algae and mould growth should be treated with a solution of one part household bleach to two parts water. Allow the solution a minimum of 20 minutes to work before washing off with clean water and a stiff nylon bristle (not metallic) brush.

Alternatively a proprietary 'Fungicidal Wash' may be used, taking care to follow all guidelines given on usage. Rinse (if required) and allow to dry.

Exuding resin

Any yellow sticky resin should be allowed to dry to white crystalline resin before any attempt is made to remove it. Dried resin can then be removed by lightly scraping/abrading and wiping with a cloth dampened with methylated spirits taking care not to damage the surrounding coated areas.

Check for damaged areas

If there are any areas of the coating that have been damaged revealing bare timber, please follow the remedial instructions below/overleaf



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Remedial measures to damaged Opaque Coatings

1. Surfaces affected by impact and abrasion

Remove all signs of surface damage to the substrate by manually abrading with the appropriate abrasive material. Careful 'feathering' into the surrounding unaffected coating may be necessary to achieve a firm edge prior to redecoration. Use an appropriate exterior filler designed for use under opaque coatings if applicable. Ensure all abrading is undertaken in grain direction and dust is removed. Avoid inhalation of dust.

2. Patch priming- Sikkens Rubbol WP170, WF361, Akzo Nobel Primer 205

Using the appropriate Sikkens primer (seek manufacturer or supplier's advice), patch prime any bare timber with one full coat. Ensure end grain is well coated.

Allow the appropriate drying time (usually 4-6 hours, see TDS).

3. Denib

Denib using a fine grade Scotch-Brite™ Handpad or a fine grade wet or dry silicon carbide abrasive paper. Do not break through the surface coating.

Remove all dust. Avoid inhalation of dust.

4. Bring forward / Finishing Coat- Sikkens Rubbol WF360, WF361, WF375, WF378, WF380

Using the appropriate Sikkens Mid/Top Coat (seek manufacturer or coating suppliers advice), bring forward patch primed areas with one or two full coat(s). Ensure end grain is well coated.

Allow the appropriate drying time between coats (usually 4 -6 hours, see TDS).

Additional coats may be required to build up film thickness and achieve an even coating and depth of colour. A trial application to assess suitability of colour and sheen is recommended.

Note: Matching colour and sheen with an even depth of colour when repairing coating systems can prove very difficult. For specialist advice on this or any other aspect of coating, please contact the coating supplier.

All products should be used in strict accordance with instructions as detailed in the Technical data Sheet



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General maintenance-Weathered Opaque Coatings (Sound Condition)

In order to maintain its beauty and protection, your joinery, coated with an opaque coating system, will require maintenance coats at regular intervals. These intervals will vary according to the degree of weathering that the coating is subjected to. In areas of severe exposure, such as mountainous or coastal areas, the maintenance interval will be shorter and maintenance coats will be required more frequently than coatings placed in less exposed areas. This weathering will be further influenced by the elevation of the building i.e South facing elevations are subject to more exposure than North facing elevations. The design of the joinery and the building into which it is installed will also influence the frequency of the maintenance coat(s) required. Large roof overhangs/canopies and the setting back of the joinery beyond the face brickwork will further shelter the joinery/cladding and will reduce the frequency of the required maintenance coats.

See durability table based on design, location and colour for full details.

Maintenance Coats

When maintenance is required the following process should be followed.

General Cleaning

Wash with warm water and a liquid detergent solution to remove any contaminants, frequently changing the water. Rinse thoroughly with clean water to remove all residues. Allow to dry.

Mould and algae

Areas affected by algae and mould growth should be treated with a solution of one part household bleach to two parts water. Allow the solution a minimum of 20 minutes to work before washing off with clean water and a stiff nylon bristle (not metallic) brush.

Alternatively a proprietary 'Fungicidal Wash' may be used, taking care to follow all guidelines given on usage. Rinse (if required) and allow to dry.

Exuding resin

Any yellow sticky resin should be allowed to dry to white crystalline resin before any attempt is made to remove it. Dried resin can then be removed by lightly scraping/abrading and wiping with a cloth dampened with methylated spirits taking care not to damage the surrounding coated areas.







Maintenance Coat- Sikkens Rubbol WF360, WF361, WF375, WF378, WF380

Using the appropriate Sikkens maintenance coat (seek manufacturer or coating suppliers advice), maintain with one or two full coat(s). Ensure end grain is well coated. Allow the appropriate drying time between coats (usually 4-6 hours, see TDS).

Additional coats may be required to build up film thickness and achieve an even coating and depth of colour. A trial application to assess suitability, colour and sheen is recommended.



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CLASSIFICATION TABLE FOR ASSESSMENT OF COATING DURABILITY; FULLY FINISHED WOODEN WINDOWS, DOORS AND CLADDING				
Roof Projection (Overhang)	Installation of the Windows	Climate Conditions		
		Normal Altitude 1 st -3 rd Floor	Detached or above 3 rd Floor	Mountain or Coastal
		1 – 3 Floor	Third Floor >	>500 m
				
Large >1.5 m 	Set Back Installation >15 cm	0	0	1
	Level Front Installation <5 cm	1	1	2
Medium 0.5-1.5 m 	Set Back Installation >15 cm	1	2	3
	Level Front Installation <5 cm	2	3	4
Small <0.5 m 	Set Back Installation >15 cm	2	3	4
	Level Front Installation <5 cm	3	3	4

Stress and Weathering for Wooden Windows on the Weather Side

0	No Weathering	2	Medium	4	Extreme Weathering
1	Light Weathering	3	Strong Weathering		



Wood Species	Pine				Tropical and Leaf Wood			
	Translucent		Opaque		Translucent		Opaque	
Colour	Light	Medium & Dark	Light & Medium	Dark	Light	Medium & Dark	Light & Medium	Dark
0								
1								
2								
3								
4								

Renovation in Years

	5 and more years		1- 2
	3 – 4 years		Less than 1 year
	2 – 3 years		