



Care and Maintenance - PPG industrial timber coatings

Your timber windows and doors are treated with a high performance Sigma coatings system developed by PPG Industrial coatings. While this system offers very long term protection against harsh exterior weather it eventually requires renovation by a high quality brush applied timber coating. Johnstone's brush applied timber coatings manufactured by PPG have been tested on the Sigma factory applied systems. Sigma and Johnstone's are trademarks of PPG coatings.

To extend the period until renovation is required we advise the following.

- 1) Clean coated timber surfaces on the windows and doors on a regular basis. This can be done when the window panes are cleaned. At least once a year refresh the surface by applying the Sigma wood care milk. Cleaned and refreshed surfaces reduce damage caused by dirt and mould and ensure the surface is water repellent for longer.
- 2) Ensure physical damage to the coating is minimised. Only when the surface becomes damaged does the protective envelope become breached allowing moisture ingress and sunlight damage.
- 3) Ensure any damages caused when installation is taking place are promptly repaired. This maintains the effectiveness of the protective envelope as described above.

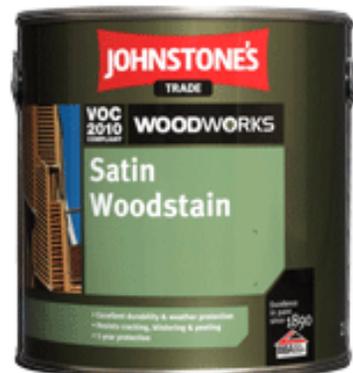
The Sigma Woodcare set

- Cleans surface removing damaging dirt and 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



Renovation of weathered coating surfaces using Johnstone's coatings

There is a choice of water based or solvent based systems that can be used. For opaque finishes apply Johnstones Quick Dry Opaque Wood Finish (water based) or Johnstones Opaque Wood Finish (solvent based). For translucent finishes apply Johnstones Satin Wood stain (solvent based) or Johnstones Quick Dry Satin Woodstain (water based).





"Colour inspiration starts here"



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Procedure for re-coating

- 1) All surfaces require a thorough clean before any coating application takes place.
- 2) Once clean apply a coat of the appropriate Johnstones maintenance product. Always use a high quality nylon bristle brush for the application of the water based products.
- 3) Allow 16 hours between coats on the solvent based system and 4 hours between coats on the water based system. After drying a light denib with a very fine abrasive paper (p240 grade or finer) may be required
- 4) Apply a second coat of the appropriate Johnstone's maintenance product.

Maintenance Schedules

The maintenance period is greatly affected by exposure and building and joinery design. The tables 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 to avoid dirt contamination leading to mould growth. On sharp edges where the coating film has lower film builds 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.

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

For more information about Sigma Joinery products please call us on 01733 293493. For more information on PPG industrial finishes visit www.sigmajoinery.co.uk or for information on PPG brush applied finishes visit www.johnstones-paints.co.uk



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