BIOSEAL™
UV Seal for Biowood
Biowood
Sustainably Reconstituted Timber
HANDLING, CLEANING AND MAINTENANCE

Care and maintenance with Biowood garage door, facades & soffits

MAINTENANCE EXTERIOR
MAINTENANCE PROCEDURE

Biowood reconstituted wood composite architectural products are a sustainable timber alternative with added benefits such as durability and strength. Best of all, our product is low maintenance and environmentally friendly meaning that you spend less time worrying about it and more time enjoying the benefits of your cladding, garage doors, door entries and soffits.

Biowood has been factory finished with a water based semitransparent stain in a satin sheen. This product has been formulated specially to give optimum performance on Biowood reconstituted wood composite. This high-performance finish offers long-term protection against Australia's harsh natural conditions and resists stain absorption and dirt settle, helping the surface stay clean and looking great. The finish is available in several pigmented natural timber colours formulated exclusively to compliment the different Biowood timber tones.

Introduction.

Bioseal UV Seal exterior products combine various substrates with the unique Biowood technology to produce low maintenance coatings in most environments. Bioseal UV Seal has been tested for use on Biowood composite timber and has shown excellent adhesion and performance properties. Bioseal UV Seal is our recommended coating for all Biowood exterior composite timber.

To ensure optimum decorative life from Bioseal UV Seal products the following procedure is recommended.

PROCEDURE

Annual Cyclic Maintenance.

Biowood Bioseal when used as exterior coating will accumulate atmospheric fall-out which may include soot and residual acids in industrial environments, automobile combustion contamination, gum spotting, lichen and organic matter from neighbouring vegetation, bird fouling, etc.

The Biowood Bioseal surface is finished to a smooth chemical-resistant glaze and most of the above contaminants will be washed off it when exposed to rain.

In the event of unacceptable disfigurement from any source the original surface of Biowood Bioseal will be restored by annual water blasting or washing with cloth and soapy water followed by hosing down every 3 months, depending on service &/or environment conditions.

The above treatment should be carried out in such a way as to leave the surface uniform in appearance.

No other cyclic maintenance is needed or recommended.

Mechanical Damage Repair.

Scratch damage can usually be repaired simply by application of the topcoat colour (available from the manufacturer) using a fine camel hairbrush.

Major damage needs expert attention and the suppliers should be consulted with a description of the extent of the damage in view of the most appropriate option being selected.

The options are : -

(a) repair on-site

(b) complete respray or panel replacement

MAINTENANCE INTERIOR
MAINTENANCE PROCEDURE

Introduction.

Interior designates modular interior wall or ceiling panelling factory-finished in highly durable Biowood Bioseal.

CARE

General Regular Cleaning:

This is best carried out with a sponge or a soft cloth and any household cleaning detergents or solvents.

Abrasive cleaning agents must not be used.

Polishing:

The product is suitable for polishing with a soft cloth if required.

Graffiti Removal:

Pressure pack (i.e., paint) damage is usually easily removed by wiping with a mineral turpentine. saturated rag within 48 hours of application.
Felt tipped marker damage should be removed using methylated spirits – again within 48 hours.

Mechanical Damage:

Should the panels be physically scored, chipped, or scraped in any way please consult the manufacturer.
for the best method of repair / replacement.
Scratch damage can usually be repaired simply by application of the topcoat (available from the manufacturer) using a fine camel hairbrush.

Coverage
6 - 8 square metres per litre.

Refer to product label or datasheet for more information.

For Biowood colours, the following colours from Bioseal UV Seal range: Available only to GRM Australia or Biowood Distributors in each state in Australia & New Zealand.

Bioseal UV Seal Matt Finished **(10% Sheen):**

Spotted Gum and Deep Walnut:	Bioseal Brown
Black Japan:	Bisoeal Black
Charred Wood:	Bioseal Monument
Western Red Cedar:	Bioseal Clear
Natural Oak:	Bioseal Clear
Weather Wood:	Bioseal Clear
Driftwood:	Bioseal Clear
Lexicon White:	Bioseal Lexicon White
Surfmist:	Bioseal Surfmist

DISCLAIMER:
Since the use and application of this product is beyond our control, we cannot be held responsible for product field performance.

The information represented above is the result of our considerable experience with this product but is not to be construed as a performance warranty.

Annexure 1

Biowood Bioseal UV Seal Warranty Details Document

1. Schedule of liability

The product lifespan of Biowood Bioseal UV Seal is dependent on both the degree of weathering and severity of UV exposure (i.e., location in Australia). When applied and maintained in strict accordance with the terms and conditions of this Warranty, Biowood Bioseal will not peel, blister, or flake for the period detailed in the tables below.

Coating requirement (# coats)	2
Coating requirement (# coats)	3

Vertical surfaces*	Light	Average	Severe
Fully sheltered	6 years	5 years	4 years
Partly sheltered	5 years	4 years	3 years
Unsheltered	4 years	3 years	2 years

Horizontal surfaces*	Light	Average	Severe
Fully sheltered	5 years	4 years	3 years
Partly sheltered	4 years	3 years	2 years
Unsheltered	3 years	2 years	12 months

**See item 3 of this annexure for definitions.*

2. Inspection & Touch Up

The coating system must be inspected regularly in the presence of Biowood Representative and any minor damage touched up at these stated intervals to maintain the Warranty.

	Inspect every 12 months and touch up any minor damage
	Inspect every 6 months and touch up any minor damage

To touch up any minor damage, clean all affected areas and apply two (2) coats of coating system originally used, in the original colour to the affected area, making sure to feather the edges to blend into the existing coating.

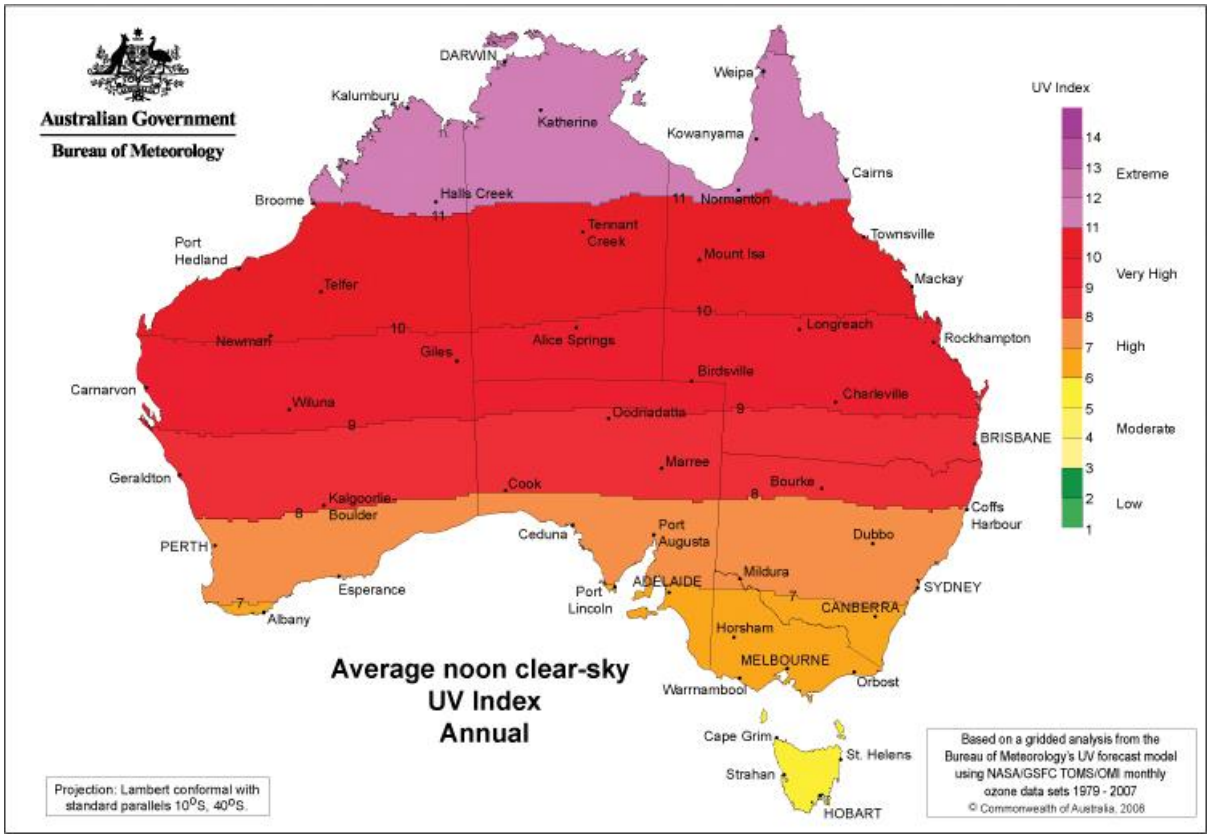
3. Definitions - Degree of weathering

Fully sheltered	Building offers complete protection from a solid opaque cover such as under a roof overhang, AND Is not exposed to direct sunlight from any direction.
Partly sheltered	Building offers partial protection from a solid opaque cover, OR Complete or partial protection from a transparent cover through which light is transmitted, such as glass or laserlite.
Unsheltered	Building offers no protection to the coating.

Severity of UV exposure

Severe	All areas with very high and extreme UV indexes.	
Average	All areas with high UV indexes OR Moderate UV indexes within 2km of the coast.	
Light	All moderate to low UV indexes 2km + away from the coast.	

Reference: UV Exposure in Australia



Sourced from Bureau of Meteorology, http://www.bom.gov.au/jsp/ncc/climate_averages/uv-index/index.jsp

These maps show the average annual, monthly, and seasonal values of the UV Index over Australia for the period 1979-2007 under cloud-free conditions at local noon, when the sun is at its highest. These values are also representative of the values expected between 11 am and 1 pm local time (12 pm and 2 pm daylight saving time) under clear skies.

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