



TEC/SPEC/09-012
Date Established: 3-Jul-09
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TECHNICAL SPECIFICATION

NIPPON SOLARSHIELD

- Description** : Nippon Solarshield is a premium quality solvent-based transparent wood finish especially formulated to provide long-lasting protection for wood surfaces.
- Type** : An air-dry one pack modified alkyd paint for exterior use
- Colour** : Refer to Nippon Colour My World. Colours may vary depending on type and colour of the wood substrates.
- Finishes** : High Gloss, lightly coloured clear finish
- Uses** : Suitable for all types of new wood surfaces and those previously painted with a transparent wood film such as stair railing, fences, door, frame, furniture and etc. Not suitable for walk-on surfaces.
- Features** :
- Excellent weatherability. Formulated with transparent pigments to stabilize wood colour and to minimize the effect of sun's harmful UV ray.
 - Excellent water repellency. Keep water out to prevent wood from warping and swelling.
 - Mould resistance. Prevent attack from mould, fungus, algae and mildew. Keeps your wood looking fresh and clean.
 - Enhances the natural beauty of the wood grain
 - Excellent flow and leveling

APPLICATION DATA

- Method** : Brush
- Theoretical Coverage** : Approx. 20 m²/litre dependent on surface porosity
- Dilution** : Ready for use, if necessary, dilution of not more than 5% with Bodelac 9000 GP Reducer or Mineral Spirit.
- Surface Preparation** :
- Surface must be clean, dry and free from grease, paint, wax and polishes. Sand to smooth surface with suitable abrasive paper, working in the direction of the grain, before dusting off.
 - Clean off mould, algae, lichen and moss with a wire brush, before treating any fungus growth with Nippon Anti-Fungus Solution.

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- Wood must be relatively dry, moisture content not to exceed 10%.
- For previously painted wood, smoothen the surface with sandpaper, clean off and dry prior to application.
- Do not apply over wood varnish, shellac and lacquers.

Recommended Painting System	:	<u>Primer:</u> Not required, direct application
		<u>Finish:</u> Nippon Solarshield (3 coats)
Drying Time	:	Touch dry: 1-2 hour at 30°C
Overcoating Time	:	4 hours under normal conditions
Cleaning	:	Wash all equipment with Bodelac 9000 GP Reducer or Mineral Spirit

GENERAL INFORMATION

Solid Content	:	45 ± 2% by weight (average, vary colour to colour)
Specific Gravity	:	0.90 ± 2% kg/litre (average, vary colour to colour)
Packaging	:	5 litres
Storage	:	Store in covered original container below 30°C
Shelf Life	:	Up to 18 months in a tightly sealed original container.
Precaution	:	<ul style="list-style-type: none"> • Avoid painting when the temperature is below 10°C or 35°C or when the humidity is over 85%. • This product is flammable. Ensure adequate protection and avoid direct contact on sensitive skin, eye, etc. Please refer to the product safety data sheet for further details.

The information given is intended to give a description of the product performance under specific test conditions. Nevertheless, we cannot assume any responsibility for the use of it since circumstances under which the products are applied in practice are subjected to many variations. We reserve the right to alter the given data without notice.

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