

Description

Single-component waterborne polyurethane finish

Recommended Use

Residential wood floors and furniture subject to normal wear

Design Features

Low VOC / odour – ideal for works in already occupied buildings
Resistant to light – non-yellowing
Excellent flow and leveling
Available in flat matt finish for a natural, uncoated look

Physical Characteristics

Recommended Application Data	Dry Film Thickness (µm)	Theoretical Coverage (m ² /l)
	30 - 35 µm	10 - 12 m ² /l
Specific Gravity	0.98 – 1.02	
Flash Point	>68°C	
Finish	Flat Matt (5%) / Matt (10%) / Low Sheen (15%) / Semi-Gloss (35%) / Gloss (80%)	
Color Range	Clear, Tints available on request	
Standard Packing Size	1L / 5L / 20L	

Application Method

Paint Pads	Recommended application method for timber floors Maintain a wet edge for even saturation of timber
Brush or Roller	May be used. Maintain a wet edge to avoid marks. Avoid accumulation to prevent color variation
Air Spray	May be used. Avoid accumulation to prevent sagging

Drying Time

Touch Dry	Hard Dry	Overcoating Interval		Full Cure
		Minimum	Maximum	
30 minutes	1 hours	3 hours	Indefinite	7 Days

Useful Information

Thinner	None required. If dilution is desired, add water. Do not exceed 5% by weight.
Cleaning	Water. Dried material can be removed with acetone
Storage	Temperature must not fall below +5°C or exceed +25°C during storage and transport
Shelf Life	1 year from date of production in unopened original container
Disposal	Always keep container in a secure upright position Use sand to contain any spillage. Dispose of waste and empty containers in accordance with the appropriate Environmental Quality Regulations

Finishing

The service and life span and the service performance of varnishes are directly related to the degree of surface preparation.

To prevent condensation of moisture onto substrate prior to coating application, relative humidity should not exceed 85% and substrate temperature should be more than 3°C above Dew Point.

Ensure floor is acclimatised to its end-use environment.

The surface which is to be coated must be sanded back to bare wood, dry and free from sanding dust, oil, wax and other contamination. Grit # 120 sandpaper should be used for the final sanding of the wood prior to coating.

To achieve an even finish, always maintain a wet edge. Do not push too hard, too fast, or spread too thin. Adhere to recommended coverage.

To achieve a smooth finish, abrade between all coats as necessary.

To avoid the finish turning cloudy, ensure all coats are sufficiently dried before overcoating; apply 3rd coats only after 16 hours, ensure proper ventilation is maintained, and do not cover the coated surface within 24 hours of application. Actual drying time will vary according to site conditions.

The coated floor can take normal foot traffic after 24 hours, furniture after 72 hours, and achieve maximum hardness after 7 days.

Coating Specifications

Substrate Surface	1 st / 2 nd Coat	2 nd / 3 rd Coat	
Timber	Ekolac 1000 Hydro Sealer	Ekolac 2000 Indoor Varnish	

Notes

The coating specifications provided above are typical. For specific recommendations to suit individual applications, please refer to your Asia Paint Representative.

Stir the product well before use.

Safety Precaution

Avoid contact with eyes and skin. Wear suitable protective clothing such as overalls, goggles, dust mask and gloves.

Avoid use in poorly ventilated areas, avoid breathing in vapour or spray mist.

In case of fire, use water spray, normal foam or dry agent.

First Aid

Eyes	Wash off in flowing water or shower.
Skin	Flush with plenty of water.
Inhalation	No adverse effects anticipated by this route of exposure.
Ingestion	If swallowed, seek medical attention. Do not induce vomiting unless directed to do so by medical personnel.
For further safety information, please refer to our Safety Data Sheet (SDS)	

Disclaimer

The information provided on this data sheet is not intended to be complete and is provided as general advise only. It is the responsibility of the user to ensure that the product is suitable for the purpose for which he wishes to use it. As we have no control over the treatment of the product, the standard of surface preparation of the substrate, or other factors affecting the use of this product, we are not responsible for its performance, nor would we accept any liability whatsoever or howsoever arising from the use of this product unless specifically agreed to in writing by us. The information contained in this data sheet may be modified by us from time to time, and without notice, in light of our experience and product development.