

Technical Data Sheet

Description

ISO-THANE 1540 satin finish is a water-based 100% acrylic varnish of supreme quality, for interior application. It is extremely durable, easy to use and dries quickly. It provides a natural finish without altering the original wood colour. ISO-THANE 1540 can be used for commercial, industrial, and residential projects.

Use

This varnish is applicable on interior surfaces. ISO-THANE 1540 must be applied to surfaces that have been well prepared. It can be applied on new or already compatible varnished or stained surfaces. It is specially designed for natural wood surfaces, such as, framings, furniture, doors, windows and more. Its finish allows for easy cleaning while offering good resistance.

Advantages

- Maintains the natural look of the wood
- U.V resistance
- Scratch resistance
- Flexibility to wood movement
- Enhancing old varnishes (see Surface preparation)
- Can be applied over stains (see limitation)
- Resists recurring cleaning with clean water as well as non-abrasive household cleaning products
- Resists most household stains, water stain, coffee, alcohol, etc.

Limitations

- Avoid application at temperatures below 10 ° C.
- Do not use steel wool to sand between coats as this may cause rust stains under the topcoat.
- Do not mix with other varnishes, paints or solvents.
- Perform a preliminary compatibility test with existing stains or varnishes.

Technical Data

Resin		100% Acrylic	
Color		Clear	
Solvent		Water	
Flash Point		N/A	
Inflammability		N/A	
Solids by weight		34	%
Solids by volume		32	%
VOC		<250	g/l
Gloss	60°	15-25	%
Sheen	85°	30-40	%

Application Data

*At 25° Celsius			
Relative humidity at 50%			
May differ depending on the colour			
Spreading Rate		37-46 m ²	
		(500-600sqft)	gallon
May vary depending on the surface porosity			
Film Thickness	Wet	3,2-4,0	mils
	Dry	1,02-1,28	mils
Drying Time*	Tack free	30	min
	Recoat	4	hours
	Cleaning	10	days
	Final cure	10	days
Application	Brush	√	
	Roller	10	mm
	Spray Airless	N/A	
Exterior application and condition		N/A	
Storage	Temperature between	10 et 30	°C
Tinted Based	Format		
	946ML	3,78L	18,9L
1540-0	√	√	



1540

Varnish
100% Acrylic
Satin

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Surface preparation

The surface should be dry and clean, free from dust, oil, grease, rust and soap. On an already varnished surface, it is recommended to clean with a degreaser (TSP) in order to remove any contaminant that could interfere with the adhesion and the hardening of the product. Rinse the entire surface thoroughly. Surfaces should be well sanded with # 150 grit sandpaper and dusted.

Wood: The surface should be sanded with # 150 to 180 grit sandpaper. Dust should be removed with a vacuum cleaner or resin cloth.

Varnished wood: The surface should be sanded with # 100 grit sandpaper and then with 150. If the varnish is worn in places, sand down to the wood.

Application

This product is ready to use and does not require dilution. Before use, mix well with a stick. Do not stir, as this could cause bubbles to form inside the varnish. For a smooth and uniform finish, apply 2 to 3 coats of varnish while sanding between each coat with # 320. To avoid bubbles in the liquid, do not backroll too often. Use an applicator pad or a 10mm roller. Allow a drying time of 4 hours or more between each coat. Wait until the previous coat of varnish is perfectly dry and well hardened, before applying a new coat. Clean tools with warm soapy water after using them.

Maintenance

Allow a minimum of 10 days drying time before carrying out a light first cleaning. Use only mild cleaners, without abrasives, and a soft cloth. Clean the surface with a light, circular motion.

Warranty

This product will give complete satisfaction if applied according to the manufacturer's instructions. In the event that this is found to be defective after inspection, the manufacturer's liability is limited to replacement of the product and does not include labor during application.

Caution

- Keep out of the reach of children
- Keep container closed when not in use
- Avoid freezing

Contact your municipality to dispose of the container in an environmentally-friendly manner.