



5540

Floor Varnish
Urethane Water Base
Satin

Technical Data Sheet

DESCRIPTION

ISO-THANE 5540 is a supreme quality water-based translucent / clear urethane varnish with a satin finish. It is specially designed for interior wooden floors. It is easy to apply, dries quickly and is very durable. It can be used for commercial, and residential projects. ISO-THANE 5540 protects wood while maintaining its natural look. It offers excellent resistance to scratches and yellowing.

USE

This varnish is applicable on interior wood floors. The surface can be new or already varnished. It can also be applied on floors priori tinted. A test for compatibility is recommended (see limitations). Its characteristics and performance also allow it to be applied on wood paneling, doors and wooden furniture.

ADVANTAGES

- Maintains the natural look of the wood
- U.V resistance
- Excellent scratch resistance
- Good flexibility to wood movement
- Enhancing old varnishes (see Surface preparation) or a refurbished floor
- Can be used on vertical surfaces such as furniture
- 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	Urethane		
Color	Clear		
Solvent	Water		
Flash Point	N/A		
Inflammability	N/A		
Solids by weight	32	%	
Solids by volume	29	%	
VOC	<325	g/l	
Gloss	60°	20-25	%
Sheen	85°	45-50	%
Standards	N/A		

APPLICATION DATA

*At 25° Celsius			
Relative humidity at 50%			
May differ depending on the colour			
Spreading Rate	47-56 m ²		
May vary depending on the surface porosity			
		(500-600)sqft	gallon
Film Thickness	Wet	2,65-3,2	mils
	Dry	0,85-1,02	mils
Drying Time*	Tack free	30	min
	Recoat	2-3	hours
	Light Traffic	4	hours
	Furniture	24	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
5540-0	√	√	



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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 may cause bubbles to form in the varnish.

For a smooth, uniform finish, apply 2 to 3 coats of varnish, sanding lightly between each coat with #320 sandpaper. To avoid bubbling, do not backroll too frequently. Use an applicator pad or a 10mm roller.

Allow a drying time of at least 3 hours between each coat. Ensure the previous coat is completely dry and fully cured before applying a new one.

Clean tools with warm, soapy water after use.

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.