



Description

ISO-THANE 550 series is a solvent based varnish with polyurethane resin. It is easily applied, dries quickly, and gives a transparent satin finish. ISO-THANE has an excellent resistance to scratches as well as to domestic cleaning products.

Use

This varnish is applicable on interior surfaces. ISO-THANE 550 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 semi-gloss finish allows for easy cleaning while offering good resistance.

Advantages

- Quick drying allowing the application of 3 coats in one day.
- Retains the natural look of wood.
- Ideal for enhancing old varnishes (see Surface preparation) or a refurbished floor.
- Resists repeated cleaning with clean water and non-abrasive household cleaning products.
- Resists most household stains, water, coffee, alcohol rings, 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	Polyurethane		
Color	Clear		
Solvent	Mineral spirits	MF-SOL450	
Flash Point	42		
Inflammability	oui		
Solids by weight	43	%	
Solids by volume	37	%	
VOC	<350	g/l	
Gloss	60°	20	%
Sheen	85°	N/A	%
Standards	MPI	Certified #57	

Application Data

*At 25° Celsius			
Relative humidity at 50%			
May differ depending on the colour			
Spreading Rate	48-60 m ²		
May vary depending on the surface porosity		(520-640sqft)	gallon
Film Thickness	Wet	N/A	mils
	Dry	N/A	mils
Drying Time*	Tack free	2	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
Base	Format		
	946ML	3,78L	18,9L
550-0	√	√	



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

Mix well before use. Let dry at least 4 hours between each coat. Lightly sand the varnish between coats, dust and clean with a damp cloth. To obtain a smooth and uniform finish, apply 2 to 3 coats of varnish. It is recommended to use a 5mm anti-felting roller, a sheepskin, or a quality bristle brush. For spray application, thin with a maximum of 10% MF-SOL 450 mineral spirits. Wash rollers and brushes with mineral spirits.

Drying and curing

Drying time is 4 hours between coats, but may vary depending on ambient humidity, temperature, and air circulation. For best adhesion, do not wait more than 24 hours between coats. Wait 7 days before washing with detergent or putting up an area rug.

Maintenance

Allow a minimum drying time of 7 to 10 days before putting on an area rug and carrying out an initial light cleaning. Use only mild, non-abrasive cleansers 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.
- KEEP AWAY FROM FLAMES OR SPARKS

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