



ISO-STAIN

875

Stain
Semi transparent
Hybrid
Flat

TECHNICAL DATA SHEET

INTERIOR/EXTERIOR

DESCRIPTION

ISO-STAIN 875 is a matte finish semi-transparent stain. It is formulated with a complex of urethane and hyper-penetrating oil. It is easy to apply and dries quickly. This stain is UV resistance and can be used for commercial and residential projects. See limitations for any application to wood with bleeding

USE

This stain is for vertical and horizontal wood surfaces, it is designed to be used for interior and exterior surface. ISO-STAIN 875 should be applied to prepared surfaces. It can be applied to siding, fences, decks, patios, wood furniture and doors and windows. Bleeding from some woods may be apparent depending on the color chosen (see limitations).

ADVANTAGES

- Single-coat stain
- Natural look of the wood
- UV resistant
- Protects against cracking
- Good flexibility to wood movement
- Can be used on vertical and horizontal surfaces

LIMITATIONS

- Not designed to seal wood that may bleed such as: (cedar, redwood, plywood, recomposed and glued wood, exotic wood or any other wood with bleeding)
- Avoid application at temperatures below 10 ° C or in direct sunlight.
- Do not mix with other products
- Do not apply to sealed or stained surfaces
- Do not apply to wood with humidity greater than 12%
- Build-up coats will decrease the effect of the semi-transparent, and increase opacity, it can vary depending on the color.

TECHNICAL DATA

Resin	Urethane and oil	
Color	Clear	
Solvent	Water	
Flash Point	N/A	
Inflammability	N/A	
Solids by weight	15	%
Solids by volume	15	%
VOC	<250	g/l
Gloss	60°	2-6 %
Sheen	85°	13-17 %
Standards	N/A	

APPLICATION DATA

*At 25° Celsius			
Relative humidity at 50%			
May differ depending on the colour			
Spreading Rate		37-46 m ²	
	May vary depending on the surface porosity	(400-500sqft)	gallon
Film Thickness	Wet	3,2-4,0	mils
	Dry	0,48-0,60	mils
Drying Time*	Tack free	4	hour
	Recoat	N/A	hours
	Light traffic	24	days
	Cleaning	30	days
Application	Brush	√	
	Roller (spread with a brush)	10	mm
	Spray (spread with a brush)	N/A	lb/sqin
Exterior application and condition		Yes	
	No rain expected following the application	24	hours
Storage	Temperature between	10 et 30	°C
Tinted Based	Format		
	946ML	3,78L	18,9L
875-0 Clair	√	√	
			max. 3 oz de colorant/3,78 L
			min. 1 oz. If exterior application



SURFACE PREPARATION

The surface must be dry and clean, free of dust, oil, grease, rust and soap, or any other contaminant that could affect the adhesion of the stain. Clean the surface with a cleaner such as TSP. Scrub with a brush then rinse. Let it dry for 48 hours.

Presence of mold: Lightly moisten the surface then use a mix of one liter of bleach and three liters of water and apply it to the wood. To keep the surface moist, keep rubbing. Repeat the cleaning until to get a clean surface. Rinse and let it dry for 48 hours.

Bare wood: Sand the wood with # 80 grit sandpaper in the same direction as the grain to remove all graying and loose fibers.

Previously painted or stained wood: For best performance, a semi-transparent stain is always applied to bare wood. To return to a sound surface sand any old paint or stain with # 80 or # 60 grade paper. Finish with grade # 80 to even out the surface.

Before application, the moisture content in the wood must not exceed 12%.

APPLICATION

This product is ready to be used and does not require dilution. Mix well before use. Only one coat is needed to obtain a uniform finish. The finish may become opaque if a second coat is applied during the same project. In order to properly allow the stain to penetrate during the application, it is recommended to use a nylon-polyester brush. The use of a roller is not recommended.

OUTDOOR: Allow a minimum drying time of 12 hours before walking on the surface. Clean brushes with lukewarm soapy water after using them.

INDOOR: Apply the stain on the wood, let it penetrate until the desired colour is obtained, then wipe with a clean cloth. Proceed in this way for each surface to be stained. Topcoated with a varnish in the ISOTHANE series.

MAINTENANCE

Indoors if the sheen is affected a coat of varnish will enhance the beauty of the stain. Without any varnish on the stain, the wood will remain porous. Outside a visual inspection to determine if it necessary, to apply addition coat. Do not apply the varnish for exterior surface.

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.