

Product Application Sheet



LQA24011 Isolante

General Information – Isolante

Milesi isolate's are designed as a barrier coat. They should always be used over oily or refinished wood and under any Polyester basecoat. Isolates are also recommended for use over slow drying stains that contain mineral spirits.

They can help increase the filling properties of primers used on low quality MDF and are recommended for use under any polyurethane primer that will be topcoated with a gloss topcoat

White Wood Sanding

Sand bare wood with up to 150 grit Aluminum Oxide sandpaper. Best results when sand, stain and seal within 8 hours. Be sure to break all sharp edges.

Stain

Allow to dry 30 to 60 minutes depending on type of stain. Always make a sample when using these products for the first time over your current stains to insure compatibility

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Isolante Application

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- Catalyze 10% by weight with LTC24010 Catalyst
- Reduce 30% by weight with LCZ1026 Reducer
- Reducer is always measured as a percentage of the Part A resin only
- Potlife is 4 Hours– less at high temperatures
- Viscosity:
- Apply 2-3 wet mils

Dry Time

Minimum 1 hour before recoat

- Let dry more than 1 hour then you can apply first sealer coat without sanding the isolante.
- If allowed to dry longer than 3 hours lightly scuff with a maroon ScotchBrite being careful not to burn through the Isolante especially on edges. If a burn through occurs recoat with IsolanteLQA24011 Isolante and repeat drying procedure.

Clean Up

- Clean up equipment immediately after use with acetone
- Dispose of all cleaning materials and solvents in proper manner

Product Code	Milesi Catalyzation Chart	Catalyst	% Catalyst		Pot Life	% Reduction	
			By Vol	By Wt		By Vol	By Wt
LQA24011	Clear Polyurethane Isolante	LTC24010	10	10	4 Hr	32	30

If using equipment for both solvent and water base products:

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- When switching from solvent to water, flush sprayguns with water before using.
- When switching from water to solvent, flush with denatured alcohol or acetone after cleaning with water. This will attract any water left in the system. Then flush with the appropriate solvent to temper the gun.

Health and Safety

Spray finishing produces mists and these can clog or irritate the lungs. Always wear personal protection.

- Always apply finishes in a properly ventilated spray booth.
- Use of a properly fitted respirator with a fresh organic vapor cartridge is recommended. A full face mask is best.
- Wear safety glasses or goggles if you don't have a full face mask.
- Wear a dust mask while sanding these finishes.

ADDITIONAL INFORMATION

- PU hardeners are moisture sensitive; always keep containers tightly closed
- Always be sure to use the recommended catalysts and PU thinners to reduce viscosity.
- Accurately measure resins and catalysts.
- Observe pot life times and recoat windows.
- Pot life decreases as temperatures rise.
- Product viscosity increases as pot life expires.
- Always keep catalyst and resin cans closed when not in use.
- Pot-life is stated at 68°F, we recommend to use the prepared quantitative before 1h, to obtain best results of sheen and flow out.
- Ammonia cleaners should not be used for cleaning the finished surface. This may cause discoloration.

For best results, the optimum conditions for application are:

- Ambient temperature between 18 and 22°C (64 - 72 °F)
- Ambient relative humidity between 65 and 70%
- Substrate moisture content between 8 and 14%

The conditions to be followed scrupulously are:

- Water base products should be stored indoors at temperatures not below 0 °C / 32°F or above 35 °C / 95°F, in a properly ventilated place, not exposed to sunlight
- Always agitate well the products and other components such as catalysts, accelerators and thinners before and after blending
- Application must not take place at a temperature lower than 15 °C / 59°F or above 30°C / 86°F
- Drying should not take place at a temperature below 15 °C / 59°F
- Once the product has flashed off air movement will facilitate drying.
- Ambient relative humidity during drying should be between 50% and 70%

It is the user's responsibility:

- Adhere to the conditions indicated above
- Comply with the rules of hygiene and safety during product application, according to the descriptions given in the safety data sheets

Note: Product Data Sheets are periodically updated to reflect new information relating to the product. It is important that the customer obtain the most recent Product Data Sheet for the product being used



DISTRIBUTED BY:
Pro Wood Finishes
14622 Southlawn Lane
Rockville MD 20850
Ph: (301) 424-3033