

LUCIDO POLYESTER CLEAR

Product code - POL10SE, POL10WE, POL10SV



PRODUCT FEATURES



High Durable



High gloss
mirror finish



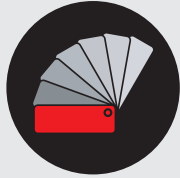
Re buffable



High Stain
resistance

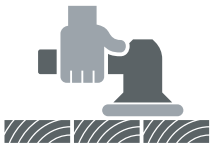


Excellent
hardness



Available in
850+ shades

LUCIDO HI GLOSS CLEAR APPLICATION PROCESS



STEP 1

Sand the wooden surface along the grains using P150-P180-P220-P320 sandpaper. Remove all dust and wooden particles with compressed air.



STEP 2

Apply one or two coats of Epoxy isolant IS201 + C204 (with mixing ratio 100:100 by weight) This helps to protect the topcoat from tannic acid, oil, and resin present in the wood. Quantity to Apply 60-100 gm/m² per coat. Drying time is 45min to 3 Hrs.

Note: If dry time exceeds above 3 hours, then sand the Isolant base coat with P220-P320 sandpaper to obtain better adhesion for the subsequent coat.



STEP 3

Mix the accelerator with the base as per the given mixing ratio. Stir well then mix hardener just before you apply. Apply 8-10 coats of polyester topcoat wet on wet after mixing the hardener. (10-15 min of interval every alternate coat, depending upon ambient conditions) Quantity to apply 150-200 gm/m². Drying time 24-48 hour.

LUCIDO SANDING PROCESS

Sand the Lucido coated surface using allu-oxide no fill paper P220-P320 to remove any layer of wax. then sand the surface with P220, P320 & P400 sandpaper. Further wet sanding should be done with P800-P1000-P1200-P1500-P2000 sandpaper to achieve an even surface



LUCIDO BUFFING PROCESS

Buff the substrate with ICA -abrasive paste (Product code: AB 60)
Spray Gun Nozzle size - 1.8/2.2 mm
Air Pressure - 36 to 43 psi

TECHNICAL INFORMATION :

PRODUCT NAME	POL10SE	POL10WE	POL10SV
 ACCELERATOR	A110	A110	A110
 HARDENER	U110	U110	U110
 MIXING RATIO BY WEIGHT	100:02:02	100:02:02	100:02:02
 TOUCH DRY	2-3 Hrs.	2-3 Hrs.	2-3 Hrs.
 COMPLETELY DRY	12 Hrs.	12 Hrs.	12 Hrs.
 SANDABLE	24 hours from the last coat	24 hours from the last coat	24 hours from the last coat
 POLISHABLE	48 hours from the last coat	48 hours from the last coat	48 hours from the last coat
 QUANTITY TO APPLY	150-200 g/m ²	150-200 g/m ²	150-200 g/m ²
 SHELF LIFE AT 20°C	6 months in corretly stored unopened tin	6 months in corretly stored unopened tin	6 months in corretly stored unopened tin
 POT LIFE AT 20°C	10-15 min	10-15 min	10-15 min

LUCIDO COLOR

Product code - POL10SB, POL10SN, POL10SSW, POL12SSW

PRODUCT FEATURES



High Durable



High gloss
mirror finish



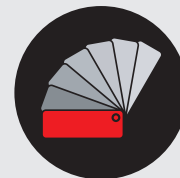
Re buffable



High stain
Resistance

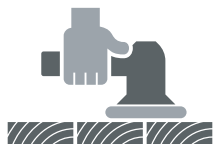


Excellent
hardness



Available in
850+ shades

LUCIDO COLOR APPLICATION PROCESS



STEP 1

Sand the wooden surface along the grains using P150-P180-P220-P320 sandpaper. Remove all dust and wooden particles with compressed air.



STEP 2

Apply one or two coats of Epoxy isolant IS201+C204 (with mixing ratio 100:100 by weight)
This helps to protect the topcoat from tannic acid, oil, and resin present in the wood.
Quantity to apply 60-100 gm/m² per coat
Drying time is 45min to 3 Hrs.

Note - If dry time exceeds above 3 hours, then sand the Isolant base coat with P220-P320 sandpaper to obtain better adhesion for the subsequent coat.



STEP 3

Mix accelerator with the base as per the given mixing ratio.
Stir well then mix hardener just before you apply.
Apply 8-10 coats of polyester topcoat wet on wet after mixing the hardener.
(10-15 min of interval every alternate coat, depending upon ambient conditions)
Quantity to Apply 150-200 gm/m²
Drying time is 45min to 3 Hrs.

LUCIDO SANDING PROCESS

Sand the Lucido coated surface using allu-oxide no fill paper P220-P320 to remove any layer of wax. Then sand the surface with P220, P320 & P400 sandpaper. Further wet sanding should be done with P800-P1000-P1200-P1500-P2000 sandpaper to achieve an even surface.



LUCIDO BUFFING PROCESS

Buff the substrate with ICA -abrasive paste (Product Code: AB 60)
Spray gun Nozzle size - 1.8/2.2 mm
Air Pressure - 36 to 43 Psi

TECHNICAL INFORMATION :

PRODUCT NAME	POL10SB	POL10SN	POL10SSW	POL12SSW
 ACCELERATOR	O120	A110	O120	O120
 HARDENER	U110	U110	U110	U110
 MIXING RATIO BY WEIGHT	100:01:02	100:02:02	100:01:02	100:01:02
 TOUCH DRY	2-3 Hrs.	2-3 Hrs.	2-3 Hrs.	2-3 Hrs.
 COMPLETELY DRY	12 Hrs.	12 Hrs.	12 Hrs.	12 Hrs.
 SANDABLE	24 hours from the last coat	24 hours from the last coat	24 hours from the last coat	24 hours from the last coat
 POLISHABLE	48 hours from the last coat	48 hours from the last coat	48 hours from the last coat	48 hours from the last coat
 QUANTITY TO APPLY	150-200 g/m ²	150-200 g/m ²	150-200 g/m ²	150-200 g/m ²
 SHELF LIFE AT 20°C	6 months in corretly stored unopened tin	6 months in corretly stored unopened tin	6 months in corretly stored unopened tin	6 months in corretly stored unopened tin
 POT LIFE AT 20°C	10-15 min	10-15 min	10-15 min	10-15 min

IMPORTANT NOTE -

- 1) For light veneer or Pigmented Shades (light color shades), ask for a special Accelerator (O120) which must be used 1% with Lucido.
- 2) For Vertical Spray application, ask for vertical Lucido (POL10SV/ POL12)
- 3) Follow the same procedure of Lucido application on Wallpaper, Designer Clothes, or Laminates. (Paste the wallpaper, designer clothes or laminates properly before applying the Lucido)
- 4) Never mix and kept accelerator A110/O120 and hardener U100 together as this mixture could be explosive.
- 5) All mixing ratios are given on weight basis.
- 6) Stir the material well before use thoroughly and mixed with the harener and thinner/water in the specified mixing ratio.
- 7) The base and hardener must be consumed within 7 days of opening the containers.
- 8) The containers should be tightly closed after use as the contents are sensitive to moisture.
- 9) For spray application of ICA coating use HVLP spray gun having Nozzle size 1.8-2.2 mm and keep Air Pressure 36-43 psi for better application and results.
- 10) Recoat period is quoted for 20oC -35oC and 65% relative humidity, these may vary under different conditions.
- 11) Make sure that too many air bubbles are not formed in the product while mixing
- 12) For optimum performance, product must be applied at a temp between 20oC -35oC and humidity not above 65%.
- 13) Buffing of high gloss topcoat can be done after 36-48 hrs. of application of last coat.
- 14) For better result use Orbital Machines for Sanding & Buffing, Rotation Per Minute (RPM) should not exceed more than 1200.

SAFETY INFORMATION -

- 1) Do not mix Accelerator and Catalyst.
- 2) Kindly refer to the MSDS for ICA LUCIDO high gloss topcoat, which gives detailed information on safety measures while handling the paint.
- 3) Keep away from heat, sparks, and naked flames ; do not smoke or use matches or lighters.
- 4) Open containers with caution as they may be pressurized. Do not eat, drink, or smoke during use. Avoid leakage of the product into the environment.
- 5) Store the product at ambient conditions in well ventilated locations and away from source of ignition and fire.
- 6) Use protective equipment like gloves, safety goggles/glasses, face mask, shoes while handling the paint.
- 7) Avoid eye and skin contact. In both cases wash with soap and plenty of water.
- 8) Do not inhale or ingest. In case of inhalation move to fresh air and seek medical attention if symptoms persist in both cases.
- 9) Do not dispose in any drain or land filing. Work in wellventilated areas. Flammable.

DECLARATION -

Always verify the suitability of the product for the job to be done before application. We cannot accept responsibility for the outcome. The information contained in this data sheet, as well as any verbal information, is given to the best of our knowledge. We do not accept responsibility for obsolete or incorrect information. Please feel free to contact us to request the latest edition.