

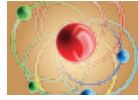
IMPERIA & IMPERIA GRANDE LUXURY POLYURETHANE

Imperia & Imperia Grande Luxury Polyurethane comes in the variants of Sealer, Matt, Semi-Gloss, Gloss and High-Gloss. It is a clear, transparent “All in One” PU System that offers exquisite and highly durable finish for both exterior and interior wooden furniture, doors, window frames, wooden handicraft items etc.

WHY IMPERIA IS A TRUE SENSE EXTERIOR PU ?



Imperia has UV-Stabilizer which protects the wood from yellowing due to exposure.



Impera is loaded with plasticizers protects the wood from hairline cracking.



Imperia has embeded Siliconics which prevent water penetration.



Imperia Exterior PU have unmatched antimicrobial qualities which guards from algal growth and microbial growth.

TECHNICAL DATA:

Properties	Clear Sealer Base	Clear Gloss Base	Clear Matt Base	Clear Semi Gloss Base
Specific Gravity, gm/Lt	0.98 ± 0.01	1.03 ± 0.01	1.00 ± 0.01	1.00 ± 0.01
Gloss Values at 60°C	NA	NA	10 ± 2	50 ± 5
Gloss Values at 20°C	NA	90 ± 5	NA	NA
Surface Dry	< 10 minutes	< 1 Hour	< 15 minutes	< 15 minutes
Tack-free Time	< 30 minutes	< 6 Hours	< 30 minutes	< 30 minutes
Hard Drying	Overnight	Overnight	Overnight	Overnight



RECOMMENDED APPLICATION:

Sand the seasoned wooden surface using sand/water paper along the grains. Repeat the sanding smoothly with finer grade of sand / water paper, then wipe off the loose dust particles. For raw sanding in case of solid wood, coarser sandpaper to be used (Grade – 80/120 no.) whereas for veneers and MDF, finer sandpaper to be used (Grade -150/180/220 no.). Grades to be selected based on substrate smoothness. More smoother the surface, relatively finer grades of sandpaper to be used.

EPOXY BLOCK PRIMER APPLICATION:

Products	Application method	Thinner	Application Viscosity (secs)	Recoating Period (hrs)
345991 + 345KB3	Spray/Cloth Application	NA	14-17 secs	1-15 Hours. (Should not exceed 24 Hours.)

Do a light sanding with sandpaper no. 400 and apply a second coat and do light sanding again. Care must be taken that application of Epoxy Block Primer doesn't exceed 24 hours.

IMPERIA CLEAR BASE COAT

Products	Application method	Thinner	No. of coats	Application Viscosity (secs)	Recoating Period (hours)
686001+686K50 (Clear Sealer)	Spray Method	T12	2	14-17 secs	3-4 Hours (Should not exceed 72 Hours)

Sand 1st coat with Sandpaper (320 or 400) and wipe off the dust particles followed by 2nd coat with Sandpaper (400) and wipe off the dust particles (Apply more coats depending on finish requirement and clean before top coat application).

IMPERIA GRANDE BASE COAT

Products	Application method	Thinner	No. of coats	Application Viscosity (secs)	Recoating Period (hours)
AG2001+AG2KB3 (Clear Sealer)	Spray Method	T12	2	14-17 secs	3-4 Hours. (Should not exceed 72 Hrs.)

Sand 1st coat with Sand Paper (320 or 400) and wipe off the dust particles followed by 2nd coat with Sand Paper (400) and wipe off the dust particles (Apply more coats depending on finish requirement and clean before top coat application).

IMPERIA CLEAR MATT FINISH

Products	Application method	Thinner	No. of coats	Application Viscosity (secs)	Recoating Period (hours)
687001+687K50	Spray Method	T12/T80	2	14-17 secs	3-4 Hours (Should not exceed 72 Hours)

Sand 1st coat with Water Paper (600 or 800) and wipe off the dust particles followed by application of 2nd coat.

IMPERIA GRANDE MATT FINISH

Products	Application method	Thinner	No. of coats	Application Viscosity (secs)	Recoating Period (hours)
AG3001+AG3KB3	Spray Method	T12/T80	2	14-17 secs	3-4 Hours. (Should not exceed 72 Hours.)

Sand 1st coat with Water Paper (600 or 800) and wipe off the dust particles followed by application of 2nd coat.

IMPERIA CLEAR SEMI-GLOSS FINISH

Products	Application method	Thinner	No. of coats	Application Viscosity (secs)	Recoating Period (hours)
725001+725K50	Spray Method	T12	2	14-17 secs	3-4 Hours Should not exceed 72 Hours.)

Sand 1st coat with Water Paper (600 or 800) and wipe off the dust particles followed by application of 2nd coat.

IMPERIA GRANDE SEMI-GLOSS FINISH

Products	Application method	Thinner	No. of coats	Application Viscosity (secs)	Recoating Period (hours)
AH5001+AH5KB3	Spray Method	T12/T80	2	14-17 secs	3-4 Hours. (Should not exceed 72 Hours.)

Sand 1st coat with Water Paper (600 or 800) and wipe off the dust particles followed by application of 2nd coat.

IMPERIA CLEAR GLOSSY FINISH

Products	Application method	Thinner	No. of coats	Application Viscosity (secs)	Recoating Period (hours)
728991+728KA4	Spray Method	T80	2	14-17 secs	10-12 Hours. (Should not exceed 72 Hours.)
729991+729KA1	Spray Method	T80	2	14-17 secs	10-12 Hours. (Should not exceed 72 Hours.)

Sand 1st coat with Water Paper (600 or 800) and wipe off the dust particles followed by application of 2nd coat.

IMPERIA GRANDE GLOSSY FINISH

Products	Application method	Thinner	No. of coats	Application Viscosity (secs)	Recoating Period (hours)
AG4001+AG4KB3	Spray Method	T80	2	14-17 secs	10-12 Hours. (Should not exceed 72 Hours.)

Sand 1st coat with Water Paper (600 or 800) and wipe off the dust particles followed by application of 2nd coat.

IMPERIA & IMPERIA GRAND COVERAGE

Parameter	Clear Sealer	Clear Matt	Clear Semi-Gloss	Clear High Gloss
Coverage Sq.m/L/coat @ 30 micron DFT	10-11	10-11	10-11	13-14

Ideal Condition implies – Application at ambient temperature with proper spray techniques/no water and oil coming from compressor, i.e. filter working properly, proper ventilation is there, surface treatment done properly and prescribed thinners are used. Coating thickness – 30 micron DFT.

STORAGE AND HANDLING:

1.	Storage	Store in cool and dry place. Keep away from source of ignition. Keep container tightly closed, out of children reach and away from food.
2.	Disposal	Do not pour left over product down the drain or any water course. Dispose in accordance with local regulation.
3.	Flash Point for Bases	Above 6°C (Abel Closed Cup)
4.	Flash Point for Hardener	Above -9°C (Abel Closed Cup)

SAFETY INFORMATION:

1.	Fair Hazard Class	Flammable
2.	Safety Precaution	<p>Kindly refer to the MSDS for Imperia & Imperia Grande. Ensure good ventilation during storage, application and drying of product. Wear protective clothes and gloves. Smoking is prohibited while painting. A suitable dust nose pad should be worn when rubbing the surface. Avoid inhaling the vapour.</p> <p>Wear eye protector during application. In case of contact with eyes, rinse immediately with plenty of water.</p>

