

IMPERIA GOLD LUXURY POLYURETHANE

Produced with superior Italian PU Technology Imperia Gold offers tinting bases for opaque and metallic finishes. Shades from International shade ranges like RAL, NCS, CS can be provided for your woodwork. 5 Tinting bases and 12 Colorants (All Lead free) along with Imperia Gold Tinting machine will give a collection of 650+ shades.

TECHNICAL DATA:

Properties	Clear Sealer Base	Clear Gloss Base	Clear Matt Base	White Sealer Base	White Gloss Base	White Matt Base	Metallic Base
Codes	KHX001 + KHXKB3	KH0001 + KH0KBJ	KH4001 + KH4KB3	KHY001 + KHYKB3	KH1001 + KH1KB3	KH3001 + KH3KB3	KH2001 + KH2KB3
Viscosity, In Sec, FCB4 Cup/Poise	60 ± 5	120 ± 5	40 ± 5	80 ± 10P	120 ± 5	120 ± 5	60 ± 5
Specific Gravity, gm/Lt	0.98 ± 0.01	1.00 ± 0.01	1.00 ± 0.01	1.66 ± 0.05	1.24 ± 0.03	1.24 ± 0.03	1.02 ± 0.03
Gloss values, at 60°	NA	NA	10 ± 2	NA	NA	15 ± 2	NA
Gloss values, at 20°	NA	90 ± 5	NA	NA	90 ± 5	NA	NA
Surface dry	< 10 minutes	< 30 minutes	< 15 minutes	< 10 minutes	< 1 hour	< 15 minutes	< 30 minutes
Tack Free Time	< 30 minutes	< 3 hours	< 30 minutes	< 30 minutes	< 4 hours	< 30 minutes	< 2 hours
Hard Drying	Overnight	Overnight	Overnight	Overnight	Overnight	Overnight	Overnight



Sand the seasoned wooden surface using emery paper (180) along the grains. Repeat the sanding smoothly with finer grade of emery paper (220/320) and then wipe off the loose dust particles. Apply the coatings as follows:

Product Coad	Product Description	Base Hardener	% of thinner
345991	Imperia Epoxy Block Primer Base	1:1	NA
345K83	Imperia Epoxy Block Primer Hardener		

Do a light sanding with sand paper no. 400 & apply 2nd coat & do light sanding again. Care must be taken that application of Epoxy Block Primer doesn't exceed

CLEAR & WHITE BASE COAT

Products	Application Method	Thinner	No. of coats	Application Viscosity (secs)	Recoating Period (hrs)
KHX001+KHXKB3	Spray Method	T12	2	14-17 secs	3-4 hours. (Should not exceed 72 hours.)
KHY001+KHYKB3	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).

CLEAR & WHITE TOP COAT

MATT FINISH

Products	Application Method	Thinner	No. of coats	Application Viscosity (secs)	Recoating Period (hrs)
KH4001+KH4KB3	Spray Method	T12	2	14-17 secs	3-4 hours. (Should not exceed 72 hours.)
KH3001+KH3KB3	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.

GLOSSY FINISH

Products	Application Method	Thinner	No. of coats	Application Viscosity (secs)	Recoating Period (hrs)
KH0001+KH0KB3	Spray Method	T80	2	14-17 secs	10-12 hours. (Should not exceed 72 hours.)
KH1001+KH1KB3	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.

METALLIC FINISH

Products	Application Method	Thinner	No. of coats	Application Viscosity (secs)	Recoating Period (hrs)
KH2001+KH2KB3	Spray Method	T80	1	14-17 secs	10-12 hours. (Should not exceed 72 hours.)

COVERAGE

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

STORAGE AND HANDLING:

1.	Storage	Store in cool and dry place. Keep away from source of ignition. Keep container tightly closed, Keep 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 4°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	Kindly refer to the MSDS for Imperia Gold. Ensure good ventilation during storage, application & drying of product. Wear protective clothes & gloves. Smoking is prohibited while painting. A suitable dust nose pad should be worn when rubbing the surface. Avoid inhaling the vapour. Wear eye protector during application. In case of contact with eyes, rinse immediately with plenty of water.

Disclaimer: The information contained with this data sheet is based on information believed to be reliable at the time of its preparation. The company will not be liable for loss or damage howsoever caused including liability for negligence, which maybe suffered by the user and the data contained herein. No guarantee of results is implied since conditions of use are beyond our control.

Products undergo continuous improvement. The technical in the catalogue are therefore subject to change.

Note: If end user wants to get Clear finishes as Imperia Gold – then KHX to be used as base coat followed by either KH4 or KH0. For Opaque/Metallic Finishes – use Imperia Gold White Sealer (KHY) followed by either tinted Imperia Gold Top Coats or Imperia Gold White Top coats (KH1 & KH3).

Imperia Gold acts as Clear Master as well as Captain Colour

NB: Need to follow correct surface treatment procedures as mentioned in Wood Defender Section. Without proper surface treatment – the performance of the coating – both sealer & topcoats will not be desirable.

