

PRODUCT CODE 5682, 5683, 5684, 5685, 5686, 5688, 5690, 5689

WoodTech Emporio Gold PU White

Asian Paints WoodTech Emporio Gold PU White is a two-pack polyurethane clear coating, which offers excellent weather resistance, fungal resistance and UV protection.

PRODUCT BENEFITS

High Build & Film Clarity

Woodtech Emporio Gold White PU has best in class Build and Film Clarity amongst all Italian PU coatings as rated by applicators.

Superior Exterior Durability

WoodTech Emporio Gold PU is specially formulated for Superior Exterior durability.

Higher Cross-linking Density

WoodTech Emporio Gold PU has excellent cross-linking which make the film ore durable in performance aspects.

Mould and Fungal Resistance

WoodTech Emporio Gold PU has excellent resitants to mould and fungal attack on wooden surface.



SOLVENT BASED

PRODUCT FEATURES

DURABILITY



BEST IN CLASS

✓ HIGH

MEDIUM

LOW

COVERAGE

On smooth sanded wooden surface by Spraying



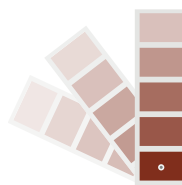
1 COAT

8 - 9 sq.mtr/kg/coat**

**Actual coverage may vary from the quoted coverage due to factors such as method and condition of application and surface roughness and porosity.

COLOURS AVAILABLE

White*



FINISH



MATT

SOFT SHEEN

RICH SHEEN



HIGH GLOSS

AVAILABLE PACKS



WoodTech Emporio Gold PU White Sealer (5682)
- 5 kg & 20 kg.

Hardener- Emporio Gold PU White Sealer (5683)
- 2 ltr & 10 ltr.

WoodTech Emporio Gold PU White Matt (5684)
- 5 kg & 20 kg.

Hardener- Emporio Gold PU White Matt (5685)
- 2 ltr & 10 ltr.

WoodTech Emporio Gold PU White Glossy (5686)
- 5 kg & 20 kg.

Hardener- Emporio Gold PU Clear Glossy (5687)
- 2 KG 5KG & 10KG.

WoodTech Emporio Gold PU White Sealer Kit (5688)
- 1 kg & 3 kg.

WoodTech Emporio Gold PU White Glossy Kit (5690)
- 1 kg & 3 kg.

WoodTech Emporio Gold PU White Matt Kit (5689)
- 1 kg & 3 kg.

HOW TO APPLY

PRE PAINTING STEPS



CLEANING: Ensure wood to be coated is properly seasoned and all impurities are removed from the wood. Check and maintain moisture level in wood in the range of 10- 15%. Avoid higher moisture content in wood as it will lead to surface defects like popping, pinholes, and poor substrate wetting. Application area & surface must be free from dust, oil, grease, or foreign particles to prevent contamination. Compressor must be free from moisture and oil. Ensure good ventilation in application area.



SANDING: Sand the wooden surface along the grains using sand paper no.180, and then 320 or 400. Wipe surface to clean off loose dust particles.



INSULATING: (Recommended) Apply 1-2 coats of WoodTech Epoxy Insulator to insulate from oil & resin from the wood, also it reduces absorption of a paint material on Plywood & MDF.



DENT FILLING: If the surface has dents, apply WoodTech Filler with a putty knife over the dented area.

NOTE: (1.) WoodTech Emporio Gold PU white base should be thoroughly stirred and mixed with WoodTech Emporio Gold PU white sealer hardener and thinner in the specified mixing ratio. (2.) WoodTech Emporio Gold PU White must not be polluted with oil, varnish or the like and must not be sanded with steel wool between coats. (3.) Base and hardener of 2 pack system must be consumed within one week of opening the fresh containers. The

PAINT APPLICATION PROCESS

APPLICATION	CODE	THINNER	DILUTION %	APPLICATION VISCOSITY (SEC)	RECOATING PERIOD
STEP 1 WOODTECH EMPORIO GOLD PU WHITE BASE FIRST COAT / SPRAYING	5688/ (5682 + 5683) IN 2:1	WOODTECH PU THINNER (1532/5442)	SPRAY 20 - 30	SPRAY 15 - 20	4 - 5 HRS (SHOULD NOT EXCEED 72 HRS)
STEP 2 SANDING	SAND THE SURFACE WITH EMERY PAPER 320 OR 400 AND WIPE CLEAN				
STEP 3 WOODTECH EMPORIO GOLD PU WHITE BASE SECOND COAT / SPRAYING	5688/ (5682 + 5683) IN 2:1	WOODTECH PU THINNER (1532/5442)	SPRAY 20 - 30	SPRAY 15 - 20	4 - 5 HRS (SHOULD NOT EXCEED 72 HRS)
STEP 4 SANDING	SAND WITH SAND PAPER NO. 320 OR 400 AND WIPE CLEAN (APPLY THIRD COAT IF REQUIRED BEFORE TOP COAT APPLICATION, SAND WITH SAND PAPER NO. 320/400 AND WIPE CLEAN)				
STEP 5 WOODTECH EMPORIO GOLD PU WHITE BASE FIRST COAT / SPRAYING	5689(5684 + 5685) IN 2:1 (MATT) / 5690 (5686 + 5687) IN 1:1 (GLOSSY)	WOODTECH PU THINNER (1532/5442)	SPRAY 25 - 35	SPRAY 15 - 20	6 - 7 HRS (SHOULD NOT EXCEED 72 HRS)
STEP 6 SANDING	SAND THE SURFACE WITH EMERY PAPER 320 OR 400 AND WIPE CLEAN				
STEP 7 WOODTECH EMPORIO GOLD PU WHITE BASE SECOND COAT	(5684 + 5685) IN 2:1 (MATT) / (5686 + 5687) IN 1:1 (GLOSSY)	WOODTECH PU THINNER (1532/5442)	SPRAY 25 - 35	SPRAY 15 - 20	6 - 7 HRS (SHOULD NOT EXCEED 72 HRS)
(APPLY THIRD COAT IF REQUIRED AFTER SANDING WITH SAND PAPER NO. 320/400 AND WIPE CLEAN)					

containers should be tightly closed after use to avoid any moisture contamination with the liquid material. (4.) WoodTech Emporio Gold PU white base should be thoroughly stirred and mixed with the hardener and thinner in the specified mixing ratio. (5.) If the coating gets physically damaged (cuts and dents) due to impact of sharp objects or any other means, after application or in normal usage, then the damaged surface must be repaired by application of fresh

coats of WoodTech Emporio Gold PU White on the specific area. (6.) WoodTech Wood Stains should not be mixed with WoodTech Emporio Gold PU White. (7.) Recoat period is quoted for 30°C and 75% relative humidity, these may vary under different conditions. (8.) Spraying air pressure 2.2 to 2.8 Kgs/sq.cm. (9.) Viscosity as measured through a Ford cup B4 at 30°C.

ADDITIONAL INFORMATION

POST PAINTING CARE

For removing stains on tiles and metal surfaces, apply A1/A1 Gold Thinner/NC Thinner on the surface and wipe clean. If stains are difficult to remove, scrapping can be done after applying A1/A1 Gold Thinner/NC Thinner on the stained area. Precautions need to be taken while spraying / brushing, like masking of adjoining areas with suitable material, as the stains may be difficult to remove if present on wood or coated wooden and wall surfaces.

TECHNICAL DETAILS

a. Dry to touch time: Surface dry time approximately 40 minutes Tack Free time 3 hours.

b. Gloss levels: 95% minimum (Glossy) on coated Wooden Panel at 60 Gloss Head & 18-23 % (Matt) on coated Wooden Panel at 60 Gloss Head.

c. Flash point IS101/1987 Part 1, Sec 6: Above Sealer- 25°C (75F) Matt -9°C (15.8 F) Glossy 25°C (77F)

d. Stability of thinned paint: To be used within 3 hours

e. Shelf Life: 36 months for base and 24 months for hardener and 18 months for kits from date of manufacture in original tightly closed container away from direct sunlight and extensive heat.

PRECAUTIONS

- For optimum performance, Asian Paints WoodTech Emporio Gold PU White must be applied at a temperature between 20°C and 40°C and humidity not above 75%.
- Do not over-thin and mix according to recommended ratios.
- Stir well and strain before use.
- For best performance, choose appropriate % of the thinner as per the climatic conditions. Choose slow drying thinner for application at higher temperature.

SAFETY FEATURES

- Kindly refer to the MSDS for Asian Paints WoodTech Emporio Gold PU White Sealer, Gloss and Matt, which gives detailed information on safety measures while handling the paint.
- Store the product at ambient conditions in well ventilated locations and away from source of ignition and fire.
- Use protective equipment like rubber/polyurethane gloves, safety goggles/glasses, face mask while handling the paint.
- Avoid eye and skin contact. In both cases wash with soap and plenty of water. Get medical attention if irritation develops or persists.
- Do not inhale or ingest. In case of inhalation move to fresh air and seek medical attention if symptoms persist in both cases.
- No added Lead, Mercury or Chromium compounds.
- Left-Over Paint Disposal: Left-over paint/drums should not be disposed in soil/drains.
- Consumers should consult a local recycling agency for proper disposal of paint/drums.