asianpaints

PRODUCT CODE 5679, 5678, 5680, 5681, 5687, 5691, 5692, 5693

WoodTech Emporio Gold PU Clear

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

SOLVENT BASED

PRODUCT BENEFITS

High Build & Film Clarity
Woodtech Emporio Gold 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.

Italian Fragrance PU
Woodtech Emporio Gold PU provides a pleasant timber like fragrance.

Higher Cross-linking Density
WoodTech Emporio Gold PU has excellent cross-linking which makes the film more durable in performance aspects.

Mould and Fungal Resistance
WoodTech Emporio Gold PU has excellent resistance to mould and fungal attack on wooden surfaces.

Anti-Scratch Benefits
High scratch resistance make your furniture more durable with excellent film strength.

PRODUCT FEATURES

DURABILITY

✔ **HIGH**
MEDIUM
LOW

COLOURS AVAILABLE

Clear*

Range of 11 attractive Transluscent Asian Paints WoodTech Wood Stains For Interiors & 6 Attractive WoodTech Wood Stains For Exterior available to add/change colour.
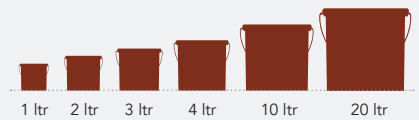
AVAILABLE PACKS

1 ltr   2 ltr   3 ltr   4 ltr   10 ltr   20 ltr

WoodTech Emporio Gold PU Clear Sealer (5679) - 4 ltr & 20 ltr
Hardener- Emporio Gold PU Clear Sealer & Matt Top Coat (5678) - 2 ltr & 10 ltr.
WoodTech Emporio Gold PU Clear Matt (5680) - 4 ltr & 20 ltr
WoodTech Emporio Gold PU Clear Glossy (5681) - 4 ltr & 20 ltr
Hardener- Emporio Gold PU Clear Glossy (5687) - 2 ltr & 10 ltr.
WoodTech Emporio Gold PU Clear Sealer Kit (5691) - 2 ltr & 4 ltr.
WoodTech Emporio Gold PU Clear Matt Kit (5692) - 2 ltr & 4 ltr.
WoodTech Emporio Gold PU Clear Glossy Kit (5693) – 1 ltr & 3 ltr.

COVERAGE

On smooth sanded wooden surface by Spraying

1 COAT
(8 - 9 sq. mtr/ltr**)

FINISH

MATT   SOFT SHEEN   RICH SHEEN   **HIGH GLOSS**

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

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 the 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.

PAINT APPLICATION PROCESS

APPLICATION	CODE	THINNER	DILUTION %	APPLICATION VISCOSITY (SEC)	RECOATING PERIOD
STEP 1 WOODTECH EMPORIO GOLD PU CLEAR SEALER FIRST COAT / SPRAYING	5691 (5679 + 5678) IN 2:1	WOODTECH PU THINNER (1532 / 5442)	SPRAY 20 - 30	SPRAY 15 - 20	4 - 5 HRS (SHOULD NOT EXCEED 72 HOURS)
STEP 2 SANDING	SAND THE SURFACE WITH SAND PAPER 320 OR 400 AND WIPE CLEAN				
STEP 3 WOODTECH EMPORIO GOLD PU CLEAR SEALER SECOND COAT / SPRAYING	5691 (5679 + 5678) IN 2:1	WOODTECH PU THINNER (1532 / 5442)	SPRAY 20 - 30	SPRAY 15 - 20	4 - 5 HRS (SHOULD NOT EXCEED 72 HOURS)
STEP 4 SAND THE SURFACE WITH SAND PAPER 320 OR 400 AND WIPE CLEAN	SAND THE SURFACE WITH SAND PAPER 320 OR 400 AND WIPE CLEAN				
STEP 5 WOODTECH EMPORIO GOLD PU CLEAR MATT / GLOSSY FIRST COAT / SPRAYING	5692 (5680 + 5678) IN 2:1 (MATT) / 5693 (5681 + 5687) IN 1:1 (GLOSSY)	WOODTECH PU THINNER (1532 / 5442)	SPRAY 25 - 35	SPRAY 15 - 20	6 - 7 HRS (SHOULD NOT EXCEED 72 HOURS)
STEP 6 SANDING	SAND THE SURFACE WITH SAND PAPER 320 OR 400 AND WIPE CLEAN				
STEP 7 WOODTECH EMPORIO GOLD PU CLEAR MATT / GLOSSY SECOND COAT	5692 (5680 + 5678) IN 2:1 (MATT) / 5693 (5681 + 5687) IN 1:1 (GLOSSY)	WOODTECH PU THINNER (1532 / 5442)	SPRAY 25 - 35	SPRAY 15 - 20	6 - 7 HRS (SHOULD NOT EXCEED 72 HOURS)
(APPLY THIRD COAT IF REQUIRED AFTER SANDING WITH SAND PAPER NO. 320 / 400 AND WIPE CLEAN)					

NOTE: (1.) WoodTech Emporio Gold PU base should be thoroughly stirred and mixed with WoodTech Emporio Gold PU hardener and thinner in the specified mixing ratio. (2.) WoodTech Emporio Gold PU Clear 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 containers should be tightly closed after use to avoid any moisture contamination with the liquid material. (4.) 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 Clear on the specific area. (5.) WoodTech Wood Stains should not be mixed with WoodTech Emporio Gold PU Clear. (6.) Recoat period is quoted for 30°C and 75% relative humidity, these may vary under different conditions. (7.) Spraying air pressure 2.2 to 2.8 Kgs/sq.cm. (8.) Viscosity as measured through a Ford cup B4 at 30°C.

HOW TO CHOOSE COLOURS

Browse through Asian Paints colour tools to help you find the right colour combination

WOODTECH WOODSTAIN FOR INTERIOR FANDECK

WOODTECH WOOD STAIN SHADE CARD

WOODTECH CLEAR FOLDER

WOODTECH AQUADUR WOOD STAIN SHADE CARD

The final shade will vary on the basis of the color of the veener, no of coats applied and dilution of the wood stains.

ADDITIONAL INFORMATION

POST PAINTING CARE

For removing stains on tiles and metal surfaces, apply NC Thinner on the surface and wipe clean.

If stains are difficult to remove, scrapping can be done after applying NC thinner on the stained area.

Precautions need to be taken while spraying/brushing, like masking of adjourning 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. Drying time: Surface dry time 40 minutes Tack Free time 3 hours.

b. Gloss levels: Gloss levels: 95% minimum (Glossy) on coated Wooden Panel at 60 Gloss Head & 22-27 % (Matt) on coated Wooden Panel at 60 Gloss Head.

c. Flash point IS101/1987 Part 1, Sec 6: Above [Sealer -3°C(26.6.F) Matt 25°C (77 F) Glossy 27°C(80F)]

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 Clear 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 Clear, 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/polythene gloves, safety goggles/glasses, face mask while handline 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.