

PRODUCT CODE 1068, 1069, 1070, 1071, 1077, 4155, 4156, 4157, 5431, 5432, 5439

WoodTech Emporio PU Clear

Asian Paints WoodTech Emporio PU Clear is an acrylic based clear coating, which offers excellent weather resistance, light-fastness and UV protection. This is smoothest Italian PU finish adding a touch of luxury with the Italian PU wood finishes.



SOLVENT BASED

PRODUCT BENEFITS

Quick Drying

Complete your painting in half time as required for a regular PU.

Protection

Asian Paints WoodTech Emporio PU has the best scratch, stain and heat resistance in the PU finishes category.

Clarity of Image

Asian Paints WoodTech Emporio PU has high clarity of image, leading to a reflection similar to that seen in a mirror.

Hardness

Asian Paints WoodTech Emporio PU has the highest film hardness, making this product very durable.

PRODUCT FEATURES

DURABILITY



✓ HIGH
MEDIUM
LOW

COVERAGE

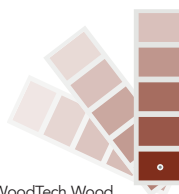
On smooth sanded wooden surface by Spraying

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

**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

Clear*



*Range of 11 attractive Translucent WoodTech Wood Stains Interiors & 6 Attractive WoodTech Wood Stains Exteriors available to add/change colour.

FINISH

↓ ↓ ↓ ↓
DEAD MATT MATT SEMI GLOSS HIGH GLOSS

AVAILABLE PACKS



Hardener-Emporio Clear Sealer & Matt Top Coat (1068) - 2 Ltr, 10 Ltr
Asian Paints Emporio Clear Sealer (1069) - 4 Ltr, 20 Ltr
Asian Paints Emporio Clear Matt Top Coat (1070) - 4 Ltr, 20 Ltr
Emporio Clear Glossy Top Coat (1071) - 4 Ltr, 10 Ltr, 20 Ltr
Hardener - Emporio Clear Glossy Top Coat (1077) - 2 Ltr, 10 Ltr
Emporio Clear sealer kit (4155) - 1 Lt Nett, 4 Lts Nett
Emporio Clear Matt kit (4156) - 1 Lt Nett, 4 Lts Nett
Emporio Clear Glossy kit (4157) - 1 Lt, 4 Lts Nett
Emporio Clear 50 Gloss Top Coat (5439) - 1 Lt Kit, 4 Lts, 20 Lts
Emporio Anti scratch 5 Gloss Top Coat (5431) - 4 Lts, 20 Lts
Hardener - Emporio Anti scratch (5432) - 1 Lt, 5 Lts

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 PU base should be thoroughly stirred and mixed with WoodTech Emporio PU hardener and thinner in the specified mixing ratio. (2.) WoodTech Emporio 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

PAINT APPLICATION PROCESS

APPLICATION	CODE	THINNER	DILUTION %	APPLICATION VISCOSITY (SEC)	RECOATING PERIOD
STEP 1 WOODTECH EMPORIO PU CLEAR SEALER FIRST COAT SPRAY STEP 2 SANDING	1069 + 1068 IN 2:1	WOODTECH PU THINNER (1532 / 5442)	SPRAY 15 - 30	SPRAY 14 - 17	3 - 4 HRS (SHOULD NOT EXCEED 72 HOURS)
SAND THE SURFACE WITH SAND PAPER 320 OR 400 AND WIPE CLEAN					
STEP 3 WOODTECH EMPORIO PU CLEAR SEALER SECOND COAT SPRAY STEP 4 SANDING	1069 + 1068 IN 2:1	WOODTECH PU THINNER (1532 / 5442)	SPRAY 15 - 30	SPRAY 14 - 17	3 - 4 HRS (SHOULD NOT EXCEED 72 HOURS)
SAND THE SURFACE WITH EMERY PAPER 320 OR 400 AND WIPE CLEAN (APPLY 3RD COAT IF REQUIRED) BEFORE TOP COAT APPLICATION, SAND WITH EMERY PAPER 320 OR 400 AND WIPE CLEAN.					
STEP 5 WOODTECH EMPORIO PU CLEAR DEAD MATT / MATT / 50 GLOSS / GLOSSY FIRST COAT STEP 6 SANDING	5431+5432 IN 4:1 (DEAD MATT) 1070+1068 IN 2:1 (MATT) 5439+1068 IN 2:1 (50 GLOSSY) 1071+1077 IN 1:1 (GLOSSY)	WOODTECH PU THINNER (1532 / 5442)	SPRAY 15 - 30 (MATT & 50 GLOSSY) 10 - 20 (GLOSSY)	SPRAY 14 - 17	3 - 4 HRS (SHOULD NOT EXCEED 72 HOURS)
SAND THE SURFACE WITH SAND PAPER 320 OR 400 AND WIPE CLEAN					
STEP 7 WOODTECH EMPORIO PU CLEAR DEAD MATT / MATT / 50 GLOSS / GLOSSY SECOND COAT	5431+5432 IN 4:1 (DEAD MATT) 1070+1068 IN 2:1 (MATT) 5439+1068 IN 2:1 (50 GLOSSY) 1071+1077 IN 1:1 (GLOSSY)	WOODTECH PU THINNER (1532 / 5442)	SPRAY 15 - 30 (MATT & 50 GLOSSY) 10 - 20 (GLOSSY)	SPRAY 14 - 17	3 - 4 HRS (SHOULD NOT EXCEED 72 HOURS)

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 & 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 PU

Clear on the specific area. (5.) WoodTech Wood Stains should not be mixed with WoodTech Emporio 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 veneer, no of coats applied and dilution of the wood stains.

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. 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 9C(48.2F) Matt 23C (73.4 F) Glossy 9C(48.2F)
- 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 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 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 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.