

PRODUCT CODE: 6713, 6714, 1064

WoodTech Polyester Gold

Asian Paints Woodtech Polyester Gold is a paraffin based wood coating that offers long lasting hardness and excellent gloss to wooden surface.



SOLVENT BASED

PRODUCT BENEFITS

Unsurpassed Gloss and Gloss Retention

High Gloss finish which gives a very high depth-of-image and a mirror like look ensuring the furniture continues to shine ever after years of painting.

Zero Maintenance

WoodTech Polyester Gold is a zero maintenance finish-due to provides heat resistance, high stain resistance, excellent scratch resistance and unmatched hardness of the film.

Superior Opacity

WoodTech Polyester Gold White gives best in class opacity & provides excellent Whiteness Index as compare to competitor Polyester.

High Build

Solid content of Polyester Gold is unmatched compared to any other product in the market resulting in higher film thickness, making furniture more durable.

PRODUCT FEATURES

DURABILITY



✓ BEST IN CLASS

HIGH

MEDIUM

LOW

COVERAGE

Depending upon the thickness of coating desired

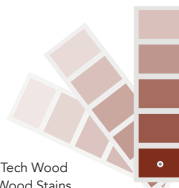


0.5 - 0.9 sq. mtrs./kg**

**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, white & Pigmented*
660+ RAL shades



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

FINISH

GLOSS SEMI GLOSS HIGH GLOSS **VERY HIGH GLOSS**

AVAILABLE PACKS



Woodtech Polyester Gold (6713) - 5 kg, 20 kg.
WoodTech Polyester Catalyst (1064) - 100 gms, 400 gms.
Woodtech Polyester Gold Sp. Accelerator (6714) - 50 gms, 200 gms.

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.



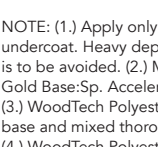
Application area & surface must be free from dust, oil, grease, or foreign particles to prevent contamination. Compressor must be free from moisture and oil. Ensure good ventilation in application area.



SANDING & INSULATING: Sand the wood surface along grains using sand paper no. 180, then 320 or 400. Wipe surface to clean off loose dust particles. (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 Veneer.



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



STAINING: To colour, Apply WoodTech Wood Stains for Interiors or WoodTech Wood Stains for Exteriors by Ragging. Allow to dry for 30 to 120 minutes.

NOTE: (1.) Apply only WoodTech Epoxy Insulator as undercoat. Heavy deposition of WoodTech Epoxy Insulator is to be avoided. (2.) Mixing ratio for Woodtech Polyester Gold Base:Sp. Accelerator:Catalyst is 100:1:2 by weight. (3.) WoodTech Polyester Accelerator is to be added to the base and mixed thoroughly in the specified mixing ratio. (4.) WoodTech Polyester Catalyst to the mixture of base and special accelerator prior spraying as per the specified mixing ratio. (5.) Check recoatability of WoodTech Polyester Gold by touching the sprayed film with the fingers. Next coat

PAINT APPLICATION PROCESS

APPLICATION	PRODUCT CODE	THINNER	DILUTION % (BY VOL)	VISCOSITY (SEC)	RECOATING PERIOD (HRS)
STEP 1 WOODTECH EPOXY INSULATOR (BASE HARDENER RATIO - 50 : 50) FIRST COAT SPRAYING	4167 1066 + 4186	IF REQUIRED	15 - 30% 1532 / 5442	SPRAY 17-21	3 HRS
STEP 2 WOODTECH POLYESTER GOLD-WOODTECH SP. ACCELERATOR- WOODTECH CATALYST (100 : 1 : 2) FIRST COAT SPRAYING	6713 / 6714 / 1064	NA	NA	NA	10 - 12 MINS*
STEP 3 WOODTECH POLYESTER GOLD-WOODTECH SP. ACCELERATOR- WOODTECH CATALYST (100 : 1 : 2) SECOND COAT SPRAYING	6713 / 6714 / 1064	NA	NA	NA	10 - 12 MINS*

*first few coats take 10-12 minutes to tack free, recoating time decreases with subsequent coats.

APPLY 6-8 COATS OF ASIAN PAINTS PARAFFINED POLYESTER GOLD AS PER THE ABOVE STEPS
BUFFING IS NECESSARY TO GET THE REQUIRED GLOSS OF ASIAN PAINTS PARAFFINED POLYESTER.
BUFFING SHOULD BE CARRIED OUT AFTER 24-48 HOURS OF APPLICATION OF LAST COAT

ADD BUFFING PASTE + WAX POLISH IN THE PAINT APPLICATION PROCESS BUFFING: (1.) SAND THE SURFACE WITH SANDPAPER NO. 220 TO REMOVE THE WAXY LAYER FROM COATING AND TO GET SMOOTH SURFACE. (2.) FURTHER SAND WITH SANDPAPER NO. 440 FOLLOWED BY 600. (3.) CARRY OUT WET SANDING WITH SANDPAPER NO. 800 AND 1000 AND 1200 AND 1500 AND 2000. (4.) CARRY OUT BUFFING BY APPLYING WT GLAZEPOL BUFFING COMPOUND (6A64) WITH HELP OF BUFFING MACHINE. TO GET THE REQUIRED GLOSS. (5.) BUFFING SHOULD BE CARRIED OUT UNIFORMLY THROUGHOUT THE APPLIED SURFACE TO GET UNIFORMITY OF GLOSS. APPLY WT GLAZEPOL WAX POLISH (6A63) TO ACHIEVE DESIRED GLOSS (6.) CARE SHOULD BE TAKEN TO PREVENT HEAVY BUFFING ON SPECIFIC AREAS SO AS TO AVOID DELAMINATION DUE TO INCREASED HEAT BY THE BUFFING OPERATIONS.

should be applied as long as the surface remains tacky and rubbery. If the tacky and rubbery stage is over, stop recoating of WoodTech Polyester Gold. Allow the film to dry overnight. Sand with sandpaper no. 220 and start applying WoodTech Polyester Gold as per the above-mentioned procedure to get the required film deposition (6.) WoodTech Polyester Gold must not be polluted with oil, varnish or the like. (7.) Clean the spray gun and other spraying accessories immediately using NC Paints Thinner. ** Recoat time is quoted for 30C and 75% Relative Humidity. These may vary under different conditions.

Spraying -Air Pressure 2.2 to 2.8 Kgs /sq.cm. (8.) Base and accelerator & Catalyst of 3 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. (9.) Basis the requirement at higher temperatures, mix 5-10% PU / Acetone thinner or reduce accelerator quantity to 0.6-0.9% for optimum performance.

HOW TO CHOOSE COLOURS

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

WOODSTAIN FANDECK



WOOD SPECTRA



ADDITIONAL INFORMATION

POST PAINTING CARE

1. For removing stains on tiles and metal surfaces, apply A1/A1 Gold Thinner/NC Thinner on the surface and wipe clean.
2. If stains are difficult to remove, scrapping can be done after applying A1/A1 Gold Thinner/NC Thinner on the stained area.
3. 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

- Drying time:** Surface dry time 60 minutes.
Tack Free time 2.5 hours
- Gloss levels:** 95% minimum on coated Wooden Panel(after buffing) at 60 Gloss Head
- Flash point (IS 101/1987, Part 1, Sec 6):**
Polyester gold & Accelerator - 4 °C
and Catalyst 65 °C
- Stability of thinned paint:** 5-10 minutes
- Shelf Life:**
Polyester gold paraffin - 9 months
Polyester spl accelerator - 12 months
Polyester catalyst - 12 months
(from date of manufacture in original tightly closed container away from direct sunlight and extensive heat).

PRECAUTIONS

- › For optimum performance, Asian Paints WoodTech Polyester Gold must be applied at a temperature between 20°C and 35°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 Polyester Gold which gives detailed information on safety measures while handling the paint.
- › Do not mix Sp. Accelerator and Catalyst.
- › Store the product at ambient conditions in well ventilated locations and away from source of ignition and fire.
- › For optimum performance, Asian Paints Woodtech Polyester Gold must be applied at a temperature between 20°C and 35°C and humidity not above 75%.
- › Use protective equipment like rubber/polyurathene gloves, safety goggles/glasses, face mask while handle 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.
- › Work in well ventilated areas.
- › Flammable.
- › 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.