

PRODUCT CODE: 6778, 6779, 1064

WoodTech Polyester

Asian Paints Woodtech Polyester is paraffin based wood coating that offers fast drying and excellent gloss to wooden furniture.

WOODTECH POLYESTER BENEFITS

Value for Money

WoodTech Polyester is a cost effective product which offers excellent gloss with glass like transparency.

Fast Drying

Complete your furniture painting early with WoodTech Polyester as compared to competitor polyester.

Unmatched film clarity

Due to its excellent tone retention and non yellowing property, Woodtech Polyester can be applied on Wood, Marble and Wallpapers.

Excellent Gloss

WoodTech Polyester offers ever lasting excellent high gloss finish to your wooden furniture.



PRODUCT FEATURES

DURABILITY



✓ BEST IN CLASS

HIGH

MEDIUM

LOW

COVERAGE

Depending upon the thickness of coating desired

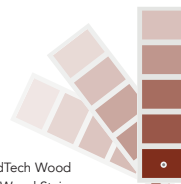


0.5 - 0.9 sq. mtrs./kg**

**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*



*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
(6778) - 5kg, 20kg.
WoodTech Polyester Catalyst
(1064) - 100gms, 400gms.
WoodTech Polyester Accelerator
(6779) - 50gms, 200gms.

HOW TO APPLY

PRE PAINTING STEPS



CLEANING: 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 the wood is properly seasoned and all impurities are removed from the wood. Check moisture level in wood (recommended range 10-15%. If not, maintain the same to avoid surface related defects).



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. Allow to dry for 30 to 120 minutes.

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	IF REQUIRED 1532 / 5442	15 - 30%	SPRAY 17-21	3 HRS
STEP 2 WOODTECH POLYESTER BASE - WOODTECH ACCELERATOR - WOODTECH CATALYST (100 : 1 : 2) FIRST COAT SPRAYING	6778 / 6779 / 1064	NA	NA	NA	8 - 10 MINS*
STEP 3 WOODTECH POLYESTER BASE - WOODTECH ACCELERATOR - WOODTECH CATALYST (100 : 1 : 2) SECOND COAT SPRAYING	6778 / 6779 / 1064	NA	NA	NA	8 - 10 MINS*

*first few coats take 8 - 10 minutes to tack free, recoating time decreases with subsequent coats.

APPLY 6-8 COATS OF ASIAN PAINTS PARAFFINED POLYESTER 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

(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. 600 FOLLOWED BY 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.

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 Base : 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 is added to the mixture of base and accelerator prior spraying as per the specified mixing ratio. (5.) Check recoatability of WoodTech Polyester by touching the

sprayed film with the fingers. Next coat 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. Allow the film to dry overnight. Sand with sandpaper no. 220 and start applying WoodTech Polyester as per the above-mentioned procedure to get the required film deposition (6.) WoodTech Polyester must not be polluted with oil, varnish or the like. (7.) Clean the spray gun and other spraying accessories immediately using A1 / A1 Gold / NC 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.) For optimum performance at higher temperatures, mix 5-10% PU / Acetone thinner or reduce accelerator quantity to 0.6-0.9% (Instead of Std Ratio 1%)

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

- a. Drying time:** Surface dry time 60 minutes.
Tack Free time 2.5 hours
- b. Gloss levels:** 95% minimum on coated Wooden Panel(after buffing) at 60 Gloss Head
- c. Flash point (IS 101/1987, Part 1, Sec 6):**
Polyester & Accelerator - 4 °C
and Catalyst 65 °C
- d. Stability of thinned paint:** 5-10 minutes
- e. Shelf Life:**
Polyester paraffin - 9 months
Polyester 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 best performance, choose the appropriate mixing ratio of the thinner as per the weather conditions.
- For optimum performance, Asian Paints WoodTech Polyester 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.

SAFETY FEATURES

- Kindly refer to the MSDS for Asian Paints WoodTech Polyester which gives detailed information on safety measures while handling the paint.
- Do not mix 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 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 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.
- 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.