

PRODUCT CODE 2105, 2106, 2107

## WoodTech PU Exterior

Asian Paints WoodTech PU Exterior is an acrylic based clear coating, which offers excellent weather resistance, light-fastness and UV protection.



SOLVENT BASED

### PRODUCT BENEFITS

#### Exterior Durability

WoodTech PU Exterior has UV guards, which make the product an excellent product for exteriors.

#### Superior Resistance

WoodTech PU Exterior has good scratch, stain and heat resistance.

#### Resists Cracking

WoodTech PU Exterior has a strong yet flexible film hence it resists cracking even on curved surfaces.

#### Hardness

WoodTech PU Exterior has superior film hardness making the product more durable.

### PRODUCT FEATURES

#### DURABILITY



✓ VERY HIGH EXTERIOR DURABILITY

HIGH

MEDIUM

LOW

#### COVERAGE

On smooth sanded Sealer Coated surface by spraying



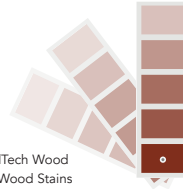
**1 COAT**

8 - 9 sq.mtrs./ltr/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

Clear\*



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

#### FINISH



MATT

SEMI GLOSS



GLOSS

HIGH GLOSS

#### AVAILABLE PACKS



WoodTech PU Exterior Sealer (2105) - 1 ltr, 4 ltr, 10 ltr & 20 ltr.  
WoodTech PU Exterior Matt (2106) - 1 ltr, 4 ltr, 10 ltr & 20 ltr.  
WoodTech PU Exterior Glossy (2107) - 1 ltr, 4 ltr, 10 ltr & 20 ltr.

### HOW TO APPLY

#### PRE PAINTING STEPS



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

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



**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 paint material on the 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.) WoodTech PU Exterior Base should be thoroughly stirred and mixed with the hardener and thinner in the specified mixing ratio. (2.) Give a maturation period of 30 minutes. (3.) WoodTech Wood Stains should not be mixed with WoodTech PU Exterior. (4.) Mix Matt and Glossy finishes for desired level of sheen. (5.) WoodTech PU Exterior must not be polluted with

#### PAINT APPLICATION PROCESS

APPLICATION	CODE	MIXING RATIO OF BASE: HARDENER (BY VOL.)	THINNER	DILUTION %	APPLICATION VISCOSITY (SEC)	RECOATING PERIOD
STEP 1 WOODTECH PU EXTERIOR SEALER FIRST COAT SPRAY	2105	80:20	PU THINNER (1532/ 5442)	SPRAY 15 - 30	SPRAY 15 - 20	8 - 12 HOURS (SHOULD NOT EXCEED 72 HOURS)
STEP 2 SANDING SAND THE SURFACE WITH SAND PAPER 320 OR 400 AND WIPE CLEAN						
STEP 3 WOODTECH PU EXTERIOR SEALER SECOND COAT	2105	80:20	PU THINNER (1532/ 5442)	SPRAY 15 - 30	SPRAY 15 - 20	8 - 12 HOURS (SHOULD NOT EXCEED 72 HOURS)
STEP 4 SANDING SAND THE SURFACE WITH SAND PAPER 320 OR 400 AND WIPE CLEAN ( APPLY 3RD COAT IF REQUIRED BEFORE TOP COAT APPLICATION; SAND WITH SAND PAPER NO. 320 / 400 AND WIPE CLEAN )						
STEP 5 WOODTECH PU EXTERIOR MATT/GLOSSY FIRST COAT	2106 /2107	80:20	PU THINNER (1532/ 5442)	SPRAY 15 - 30	SPRAY 15 - 20	12 - 14 HOURS (SHOULD NOT EXCEED 72 HOURS)
STEP 6 SANDING SAND THE SURFACE WITH SAND PAPER 320 OR 400 AND WIPE CLEAN						
STEP 7 WOODTECH PU EXTERIOR MATT/GLOSSY SECOND COAT	2106 /2107	80:20	PU THINNER (1532/ 5442)	SPRAY 15 - 30	SPRAY 15 - 20	12 - 14 HOURS (SHOULD NOT EXCEED 72 HOURS)
( APPLY THIRD COAT IF REQUIRED AFTER SANDING WITH SAND PAPER NO. 320 / 400 AND WIPE CLEAN )						

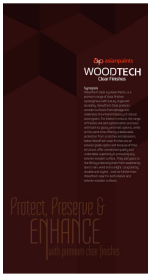
oil, varnish or the like and must not be sanded with steel wool between coats. (6.) The base and hardener must be consumed within one week of opening the containers. The containers should be tightly closed after use as the contents are sensitive to moisture. (7.) Buffing can be carried out to enhance the gloss of WoodTech PU Exterior Glossy. If buffing is to be

carried out, an additional coat must be applied. Buffing should be carried out after 48 hrs. of last top coat. (8.) Recoat period is quoted for 30°C and 75% relative humidity, these may vary under different conditions. (9.) Spraying air pressure 2.2 to 2.8 Kgs/sq.cm. (10.) Application 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  
CLEAR FOLDER



WOODTECH  
TONES



WOODTECH COLOUR SCOPE STAIN  
SHADE CARD



## 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 25 minutes. Tack Free time 3 hrs.

**b. Gloss levels:** 90% minimum (Glossy) and 10-20% (Matt) on coated wooden panel at 60° Gloss Head.

**c. Flash point (Abels close cup):** Above 17°C (64.1° F).

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

**e. Shelf Life:** 2 years from date of manufacture in original tightly closed container away from direct sunlight and extensive heat.

### PRECAUTIONS

- > For optimum performance, Asian Paints WoodTech PU Exterior 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 the appropriate mixing ratio of the thinner as per the weather conditions. Choose slow drying thinner at higher temp.

### SAFETY FEATURES

- > Kindly refer to the MSDS for WoodTech PU Exterior 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.
- > 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.