

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.

Resists Cracking

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

Superior Resistance

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

Hardness

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

PRODUCT FEATURES

DURABILITY



✓ VERY HIGH EXTERIOR DURABILITY

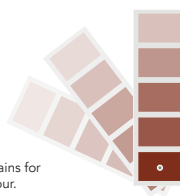
HIGH

MEDIUM

LOW

COLOURS AVAILABLE

Clear*



Range of 6 Attractive Woodtech Wood Stains for Exteriors available to add/change the colour.

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.

AVAILABLE PACKS

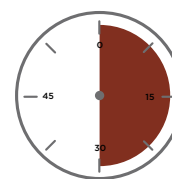


WoodTech PU Exterior Sealer (2105)- 1 Ltrs, 4 Ltrs, 10 Ltrs & 20 Ltrs.
WoodTech PU Exterior Matt (2106)- 1 Ltrs, 4 Ltrs, 10 Ltrs & 20 Ltrs.
WoodTech PU Exterior Glossy (2107)- 1 Ltrs, 4 Ltrs, 10 Ltrs & 20 Ltrs.

FINISH



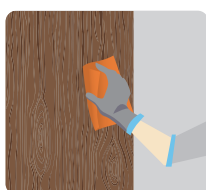
DRYING TIME



45 MINUTES

HOW TO APPLY

PRE PAINTING STEPS



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: (Optional) 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 Interiors or WoodTech Wood Stains Exteriors by ragging or spraying. Allow to dry for 30 to 120 minutes.

PAINT APPLICATION PROCESS

APPLICATION	CODE	MIXING RATIO OF BASE: HARDENER(BY VOL.)	THINNER	DILUTION %	APPLICATION VISCOSITY	RECOATING PERIOD
STEP 1 WOODTECH PU EXTERIOR SEALER FIRST COAT\ SPRAY	2105	80:20	PU THINNER (1532/ 5442)	SPRAY 15 - 30	SPRAY 15 - 20 SECS	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 SECS	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 SECS	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 SECS	12- 14 HOURS (SHOULD NOT EXCEED 72 HOURS)
(APPLY THIRD COAT IF REQUIRED AFTER SANDING WITH SAND PAPER NO. 320 / 400 AND WIPE CLEAN)						

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 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

AQUADUR WOOD STAINS
SHADE CARD



WOODTECH CLEAR FOLDER



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 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 (Closed cup, ISO 1523): Above 27°C (80.6° 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.

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.
- > Dispose in land filling. Do not dispose in any drain or land filling.
- > No added Lead, Mercury or Chromium compounds.
- > Flammable.