

PRODUCT CODE 1040, 1041, 1042

## WoodTech Aquadur PU for Exterior

Asian Paints WoodTech Aquadur PU for Exteriors is a water based Polyurethane clear coating, which offers superior exterior durability & non-yellowing properties.



### PRODUCT BENEFITS

#### Superior Exterior Durability

WoodTech Aquadur PU guards your furniture against the elements of nature. With a highly flexible and UV resistant film, it protects wood against sun and water.

#### Non-Yellowing

WT Aquadur exterior pu provides excellent non yellowing film to your wooden furniture.

#### Easy Application

WoodTech Aquadur PU can be applied with a brush and roller, making it far easier to apply than conventional PU, which is always spray painted.

#### Child Safe

WoodTech Aquadur PU has very low toxic metal content and is EN 71.3 compliant for low metal toxicity, which also makes it a child safe product.

#### Low VOC and Odour

WoodTech Aquadur PU surpasses European standards for low VOC and is virtually odourless, making it a green product in the complete sense.

#### Quick Drying

Complete painting your furniture twice as fast with WoodTech Aquadur PU as compared to conventional PU.

### PRODUCT FEATURES

#### DURABILITY



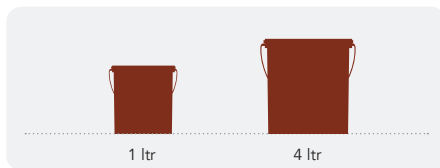
✓ VERY HIGH EXTERIOR DURABILITY

HIGH

MEDIUM

LOW

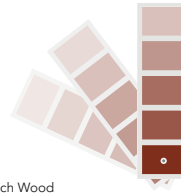
#### AVAILABLE PACKS



WoodTech Aquadur PU Exterior Matt (1040)- 1 Ltr. and 4 Ltrs.  
WoodTech Aquadur PU Exterior Gloss (1041)- 1 Ltr. and 4 Ltrs.  
WoodTech Aquadur PU Basecoat (1042)- 1 Ltr. and 4 Ltrs

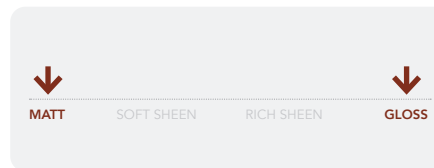
#### COLOURS AVAILABLE

## Clear\*



Range of 6 attractive translucent WoodTech Wood Stains for Exteriors to add/ change colour.

#### AREA OF APPLICATION



#### COVERAGE



### 1 COAT

9 - 11 sq. mtrs/ltr/coat\*\*  
On smooth sanded wooden surface by Spraying

11 - 13 sq. mtrs/ltr/coat\*\*  
On smooth sanded wooden surface by Brushing and Rolling

\*\*Actual coverage may vary from the quoted coverage due to factors such as method and condition of application and surface roughness and porosity.

### 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 a sand paper no.180, and then 320 or 400. Wipe the surface to clean off loose dust particles.



**INSULATING:** (Recommended) Apply 1-2 coats of WoodTech Epoxy Insulator to insulate from the oil & resin from the wood, also it reduces the 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. Use only Solid Wood for Exterior Wood work. Veneers, MDF, plywood etc. should be avoided as they have limited Exterior Durability. 2. Use only WoodTech Aquadur PU Basecoat for interior and exterior as sealer coat. Do not use any other product/material for sealing purpose. 3. Ensure that the wood surface is coated from all sides. 4. There is no maturation time. 5. WoodTech Wood Stains for Exteriors should not be mixed with WoodTech Aquadur PU. 6.

#### PAINT APPLICATION PROCESS

##### APPLICATION PROCESS FOR WOODEN SURFACE

STEP 1  
WOODTECH AQUADUR PU WOOD PRESERVATIVE  
TWO COATS  
BRUSH/RAGGING

STEP 2  
WOODTECH WOOD STAIN EXTERIOR  
RAGGING

STEP 3  
WOODTECH AQUADUR CLEAR BASE COAT  
FIRST COAT  
SPRAY/BRUSH + ROLLER

STEP 4  
SANDING

STEP 5  
WOODTECH AQUADUR CLEAR BASE COAT  
SECOND COAT  
SPRAY/BRUSH + ROLLER

STEP 6  
SANDING

STEP 7  
WOODTECH AQUADUR PU EXTERIOR MATT/GLOSSY  
FIRST COAT  
SPRAY/BRUSH + ROLLER

STEP 8  
SANDING

STEP 9  
WOODTECH AQUADUR PU EXTERIOR MATT/GLOSSY  
SECOND COAT  
SPRAY/BRUSH + ROLLER

##### APPLICATION PROCESS FOR STONE SURFACE

STEP 1  
WOODTECH AQUADUR PU BARRIER COAT  
SPRAY/RAGGING

STEP 2  
WOODTECH AQUADUR PU INTERIOR MATT/GLOSSY  
FIRST COAT  
SPRAY/BRUSH + ROLLER SPRAY

STEP 3  
WOODTECH AQUADUR PU INTERIOR MATT/GLOSSY  
SECOND COAT  
SPRAY/BRUSH + ROLLER SPRAY

WoodTech Aquadur PU Exterior must not be polluted with oil, varnish or the like and must not be sanded with steel wool between coats. 7. Recoat period is quoted for 30°C and 75% relative humidity, these may vary under different conditions. 8. If the coating gets physically damaged (cuts and 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

CODE	THINNER	DILUTION %	APPLICATION VISCOSITY	RECOATING PERIOD
1043	NIL	NIL	11-15 SECS	2 HOURS
1044	NIL	NIL	11-16 SECS	2 HOURS
1042	WATER	SPRAY 5 - 15 BRUSH 5 - 15	SPRAY 25 - 30 SECS BRUSH 25 - 30	5 HOURS
SAND THE SURFACE WITH SAND PAPER 320 OR 400 AND WIPE CLEAN				
1042	WATER	SPRAY 5 - 15 BRUSH 5 - 15	SPRAY 25 - 30 SECS BRUSH 25 - 30	5 HOURS
SAND WITH SAND PAPER NO. 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)				
1040/1041	WATER	SPRAY 5 - 10 BRUSH 5 - 10	SPRAY 25 - 30 SECS BRUSH 25 - 30	5 HOURS
SAND THE SURFACE WITH SAND PAPER 320 OR 400 AND WIPE CLEAN				
1040/1041	WATER	SPRAY 5 - 10 BRUSH 5 - 10	SPRAY 30 - 35 SECS BRUSH 30 - 35	5 HOURS
( APPLY 3RD COAT IF REQUIRED AFTER SANDING WITH SAND PAPER NO. 320 / 400 AND WIPE CLEAN )				
CODE	THINNER	DILUTION %	APPLICATION VISCOSITY	RECOATING PERIOD
6A06	NA	NA		2 HOURS
1040/1041	WATER	SPRAY 5 - 10 BRUSH 5 - 10	SPRAY 25 - 30 SECS BRUSH 25 - 30	5 HOURS
SAND THE SURFACE WITH SAND PAPER 320 OR 400 AND WIPE CLEAN				
1040/1041	WATER	SPRAY 5 - 10 BRUSH 5 - 10	SPRAY 25 - 30 SECS BRUSH 25 - 30	5 HOURS

coats of WoodTech Aquadur PU for Exterior. 9. Spraying air pressure 2.2 to 2.8 Kgs/sq.cm. 10. Viscosity as measured through a Ford cup B4 at 30°C. 11. The containers should be tightly closed after use to avoid any moisture contamination with the liquid material.

## HOW TO CHOOSE COLOURS

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

AQUADUR  
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

### VOC CONTENT



**LOW VOC  
CONTENT**

Asian Paints WoodTech Aquadur PU Exterior meets the LEEDS VOC criteria as per Indian Green Building Council version 1.0.

### PRECAUTIONS

- > For optimum performance, Asian Paints WoodTech Aquadur 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 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 Woodtech Aquadur PU Basecoat, 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.
- > No added Lead, Mercury or Chromium compounds.

### 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:** Touch to Dry 60 minutes, Tack Free time 2 hours
- b. Flash point:** Not applicable
- c. Stability of thinned paint:** To be used within 24 hours
- d. Shelf Life:** 18 months from date of manufacture in original tightly closed container away from direct sunlight and extensive heat