

PRODUCT CODE 4161

## WoodTech Insignia Mother of Pearl

Asian Paints WoodTech Insignia Mother of Pearl is Polyurethane based texture coating, which offers excellent aesthetic and smooth finish for interior décor.

### PRODUCT BENEFITS

#### International Product

Best in class Italian, Special effect for wood and glass

#### Wow Effect

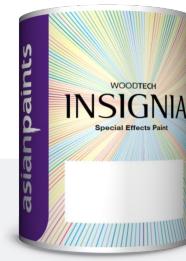
Highlights the surface and augments the decor quotient

#### High Degree of Customisation

Gives freedom to the customer to choose the look and experiment with colours

#### Ease of Application

Easy application through spraying



SOLVENT BASED

### PRODUCT FEATURES

#### DURABILITY



#### COVERAGE

On smooth sanded sealer coated surface by Spraying



**1 COAT**

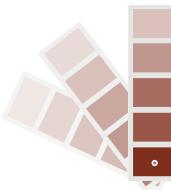
7 - 8 sq.mtr/ltr/coat\*\*

\*\*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

**1600+\***

The colour of the background can be chosen from 1600+ shades\*



#### FINISH

**SOFT/LEATHER**

#### AVAILABLE PACKS



1 ltr

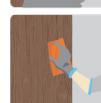
Woodtech Insignia Mother of Pearl  
(4161) -1L

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



**INSULATING:** (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 or Plywood & MDF.



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

NOTE: (1.) WoodTech Insignia Mother of Pearl base should be thoroughly stirred and mixed with hardener and thinner in the specified mixing ratio. (2.) WoodTech Insignia Mother of Pearl must not be polluted with oil, varnish or the like and must not be sanded with steel wool between coats. (3.) WoodTech Insignia Large Pearl need to over coat with WoodTech Emporio PU or WoodTech Polyester Gold Depending upon thickness required. (4.) Base and hardener of 2 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. (5.) 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 coats of WoodTech Emporio PU Clear on the specific area. (6.) WoodTech Wood Stains should not be mixed with WoodTech Insignia Mother of Pearl. (7.) Recoat period is quoted for 30°C and 75% relative humidity, these may vary under different conditions. (8.) Spraying air pressure 2.2 to 2.8 Kgs/sq.cm. (9.) Viscosity as measured through a DIN 4 (S) at 20°C.

#### PAINT APPLICATION PROCESS

APPLICATION	CODE	THINNER	DILUTION %	APPLICATION VISCOSITY	RECOATING PERIOD
STEP 1 WOODTECH EMPORIO PU WHITE SEALER FIRST COAT OR	1072 + 1073 IN 2:1	PU THINNER 1532 / 5442	SPRAY 15 – 30	SPRAY 14 - 17	3 – 4 HRS (SHOULD NOT EXCEED 72 HRS)
STEP 1 WOODTECH POLYESTER SEALER WHITE FIRST COAT	4168 + 1064 +1065 IN 100:2:2	ACETONE	SPRAY 20 – 30	SPRAY 14 - 17	1 - 2 HRS (SHOULD NOT EXCEED 8 HRS)
SANDING					
STEP 2 WOODTECH EMPORIO PU WHITE SEALER SECOND COAT OR	1072 + 1073 IN 2:1	PU THINNER 1532 / 5442	SPRAY 15 – 30	SPRAY 14 - 17	3 – 4 HRS (SHOULD NOT EXCEED 72 HRS)
STEP 2 WOODTECH POLYESTER SEALER WHITE SECOND COAT	4168 + 1064 +1065 IN 100:2:2	ACETONE	SPRAY 20 – 30	SPRAY 14 - 17	1 - 2 HRS (SHOULD NOT EXCEED 8 HRS)
SAND WITH SAND PAPER NO. 320 OR 400 AND WIPE CLEAN (APPLY THIRD COAT IF REQUIRED BEFORE TOP COAT APPLICATION, SAND WITH SAND PAPER NO. 320 / 400 AND WIPE CLEAN)					
STEP 3 WOODTECH EMPIORIO PU PIGMENTED MATT FIRST COAT	1074/1083 + 1075 IN 2:1 RATIO (MATT) 5434/5436 + HARDENER (IN KIT) IN 2:1 RATIO MATT	PU THINNER 1532 / 5442	SPRAY 15 – 30 (MATT)	SPRAY 14 - 17	3 – 4 HRS (SHOULD NOT EXCEED 72 HRS)
SANDING					
STEP 4 WOODTECH INSIGNIA MOTHER OF PEARL FIRST COAT	4161+ HARDNER (IN KIT) IN 2:1 RATIO	PU THINNER 1532 / 5442	SPRAY 50 - 70	SPRAY 14 - 17	3 – 4 HRS (SHOULD NOT EXCEED 72 HRS)
(APPLY SECOND COAT FO WOODTECH INSIGNIA IRIDESCENT IF REQUIRED )					
STEP 5 WOODTECH EMPORIO PU CLEAR GLOSSY OR	1071 + 1077 IN 1:1	PU THINNER 1532 / 5442	SPRAY 10 – 20	SPRAY 14 - 17	3 – 4 HRS (SHOULD NOT EXCEED 72 HRS)
STEP 5 WOODTECH POLYESTER GOLD - WOODTECH POLYESTER SP ACCELERATOR - WOODTECH POLYESTER CATALYST BY SPRAYING	6713 / 6714 / 1064 IN 100 : 1 : 2	NA	NA	NA	10 - 12 MINS
BUFF THE SURFACE IN CASE OF POLYESTER					

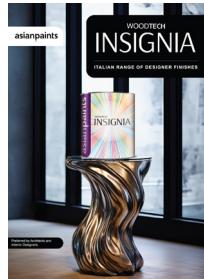
## HOW TO CHOOSE COLOURS

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

WOODTECH  
SPECTRA



WOODTECH  
INSIGNIA BOOKLET



RAL  
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

### 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 15 mins. Tack free time 45 mins.
- b. **Gloss levels:** N/A
- c. **Flash point (Closed cup, ISO 1523):** Above 15°C (59°F)
- d. **Stability of thinned paint:** To be used within 3 hours
- e. **Shelf Life:** 18 months from date of manufacture in original tightly closed container away from direct sunlight and extensive heat.

### PRECAUTIONS

- › For optimum performance, Asian Paints WoodTech Insignia Mother of Pearl 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 Insignia Mother of Pearl 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/polythene 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.
- › 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.