

PRODUCT CODE 6862, 6863, 6864, 6865, 6866, 6886, 6887, 6888

WoodTech Ingenio PU

Asian Paints WoodTech Ingenio PU is 2K acrylic based polyurethane clear coating which offers excellent weather resistance, light fastness and UV protection.



SOLVENT BASED

PRODUCT BENEFITS

Quick Drying Time

Complete your painting in half time as required for a regular PU.

German Technology

Powered by German Technology, Ingenio PU offers Excellent Weather Resistance with Best In Class Interior and Exterior Durability.

Superior Durability

Woodtech Ingenio PU offers superior physical & chemical resistance which Enhance life of your wooden Furniture.

PRODUCT FEATURES

DURABILITY



✓ VERY HIGH
HIGH
MEDIUM
LOW

COVERAGE

On smooth sanded wooden surface by spraying

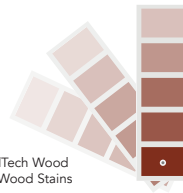


1 COAT
8 - 10 sq.mtrs./ltr/coat**

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

COLOURS AVAILABLE

Clear*

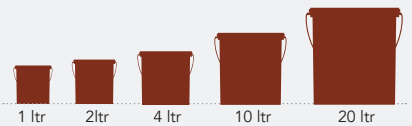


*Range of 11 attractive Translucent WoodTech Wood Stains Interiors & 6 Attractive WoodTech Wood Stains Exteriors available to add/change colour.

FINISH

↓ MATT SEMI GLOSS GLOSS HIGH GLOSS ↓

AVAILABLE PACKS



Hardener-Ingenio Clear Sealer & Matt Top Coat (6862) - 2 Ltr, 10 Ltr
Ingenio Clear Sealer (6886) - 4 Ltr, 20 Ltr
Ingenio Clear Matt Top Coat (6863) - 4 Ltr, 20 Ltr
Ingenio Clear Glossy Top Coat (6864) - 2 Ltr, 10 Ltr, 20 Ltr
Hardener - Ingenio Clear Glossy Top Coat (6865) - 2 Ltr, 10 Ltr
Ingenio Clear sealer kit (6866) - 1 Lt Nett, 4 Lts Nett
Ingenio Clear Matt kit (6888) - 1 Lt Nett, 4 Lts Nett
Ingenio Clear Glossy kit (6887) - 1 Lt, 4 Lts Nett

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 & 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.

NOTE: (1.) Use Asian paints Woodtech Ingenio PU Sealer as undercoat. (2.) Asian Paints Woodtech Ingenio PU should be thoroughly stirred and mixed with the hardener and thinner in the specified mixing ratio. (3.) If the wood is previously coated, remove the coating by scrapping before application of Asian Paints Woodtech Ingenio PU as per the above recommended procedure. (4.) Asian Paints Woodtech

PAINT APPLICATION PROCESS

APPLICATION	CODE	MIXING RATIO OF BASE: HARDENER (BY VOL.)	THINNER	DILUTION %	APPLICATION VISCOSITY (SEC)	RECOATING PERIOD
STEP 1 WOODTECH INGENIO PU SEALER FIRST COAT/SPRAY	6886 + 6862	2 : 1	PU THINNER (1532/ 5442)	SPRAY 30 - 35%	15 -20 SECS	MINIMUM 3 HOURS
STEP 2 SANDING SAND THE SURFACE WITH SAND PAPER 320 OR 400 AND WIPE CLEAN						
STEP 3 WOODTECH INGENIO PU SEALER SECOND COAT/SPRAY	6886 + 6862	2 : 1	PU THINNER (1532/ 5442)	SPRAY 30 - 35%	15 -20 SECS	MINIMUM 3 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 INGENIO PU MATT / GLOSS FIRST COAT/SPRAY	MATT:- 6863+6862 GLOSS:- 6864 + 6865	MATT 2 : 1 GLOSS 1 : 1	PU THINNER (1532/ 5442)	SPRAY GLOSS: 50 - 55% MATT: 30 - 35%	15 - 20 SECS	MINIMUM 4 HOURS
STEP 6 SANDING SAND THE SURFACE WITH SAND PAPER 320 OR 400 AND WIPE CLEAN						
STEP 7 WOODTECH INGENIO PU MATT / GLOSS SECOND COAT/SPRAY	MATT:- 6863+6862 GLOSS:- 6864 + 6865	MATT 2 : 1 GLOSS 1 : 1	PU THINNER (1532/ 5442)	SPRAY GLOSS: 50 - 55% MATT: 30 - 35%	15 - 20 SECS	MINIMUM 4 HOURS
(APPLY THIRD COAT IF REQUIRED AFTER SANDING WITH SAND PAPER NO. 320 / 400 AND WIPE CLEAN)						

Ingenio PU must not be polluted with oil, varnish or the like and must not be sanded with steel wool between coats. (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 has to be repaired by application of fresh coats of Asian Paints Woodtech Ingenio PU on the specific area. (6.) Recoat period

is quoted for 30°C and 65% relative humidity, these may vary under different conditions. (7.) Spraying air pressure 2.2 to 2.8 Kgs/sq.cm. (8.) Viscosity as measured through a Ford cup B4 at 30°C. (9.) 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.

HOW TO CHOOSE COLOURS

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

WOODSTAIN
FANDECK



WOODSTAIN
FANDECK



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 30 minutes. Tack Free time 1.5 hours. Hard dry - 3 hours.
- b. Gloss levels: Matt , Gloss @ 60 Gloss Head:** Matt: 16 - 26; Glossy: 95 - 102.
- c. "Flash point (IS 101/1987, Part 1, Sec 6):** Above -Sealer 20°C, Matt 21°C, Gloss 45°C.
- d. Stability of thinned paint:** To be used within 3 hours.
- e. Shelf Life:** 36 months for base and 24 months for hardener and 24 months for kits from date of manufacture in original tightly closed container away from direct sunlight and extensive heat.

PRECAUTIONS

- For optimum performance, Asian Paints WoodTech Ingenio PU 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 Asian Paints Woodtech Ingenio PU 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/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.
- 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.
- No added Lead, Mercury or Chromium compounds.