

PRODUCT CODE 4167

WoodTech Epoxy Insulator

PRODUCT BENEFITS

Strong Film

WoodTech Epoxy Insulator gives stronger film by penetrating inside the Wood.

Universal Undercoat

WoodTech Epoxy Insulator can be use on Interior and Exterior Wooden Surfaces.

Best in class Insulation

Woodtech Epoxy Insulator has unsurpassed insulation capabilities which makes it suitable on the woods with highest of oil and moisture content.



 SOLVENT BASED

PRODUCT FEATURES

DURABILITY



✓ HIGH

MEDIUM

LOW

COLOURS AVAILABLE

NA

AVAILABLE PACKS



WoodTech Epoxy Insulator
(1066) - 5 Ltr
WoodTech Epoxy Insulator hardener
(4186) - 5 Ltr.
WoodTech Epoxy Insulator Kit
(4167) - 1 Ltr, 2 Ltr and 4 Ltr.

COVERAGE

On smooth sanded wooden surface by Spraying



1 COAT

By ragging (10 - 12 sq.mtr/ltr/coat*)
By spray (8 - 9 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.

FINISH

NA

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.

PAINT APPLICATION PROCESS

APPLICATION	CODE	MIXING RATIO OF BASE	THINNER	DILUTION %	APPLICATION VISCOSITY (SEC)	RECOATING PERIOD
STEP 1 WOODTECH EPOXY INSULATOR FIRST COAT SPRAY/RAGGING	4167 (1066+4186)	50 : 50	IF REQUIRED 1532/5442	IF REQUIRED 15 - 30	SPRAY 17 - 21	3 HRS
STEP 2 DRYING	3 - 4 HOURS TIME INTERVAL					
STEP 3 WOODTECH EPOXY INSULATOR SECOND COAT SPRAY/RAGGING	4167 (1066+4186)	50 : 50	IF REQUIRED 1532/5442	IF REQUIRED 15 - 30	SPRAY 17 - 21	3 HRS

NOTE: (1.) Mixing Ratio for Asian Paints WoodTech Epoxy Insulator Base : Hardener is 50 : 50 by volume. (2.) Asian Paints WoodTech Epoxy Insulator Base should be thoroughly stirred and mixed with the hardener in the specified mixing ratio. (3.) Use only Asian Paints WoodTech PU Thinner for Dilution if required. (4.)

Asian Paints WoodTech Epoxy Insulator must not be polluted with oil, varnish or the like and must not be sanded with steel wool between coats. (5.) 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. (6.) Recoat period is quoted for 30°C and 75% 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.

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 minutes Tack Free time 1 hour max.
- b. Gloss levels:** NA
- c. Flash point IS101/1987 Part 1, Sec 6:** Above -9° C (15.8°F)
- d. Stability of thinned paint:** To be used within 3 hours.
- e. Shelf Life:** 36 months for base and 24 months for hardener and 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 Epoxy Insulator 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 Epoxy Insulator, 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. 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.
- 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.