

PRODUCT CODE 5488 (SEALER), 5489 (GLOSSY) AND 5490 (MATT)

WoodTech Copal

Asian Paints WoodTech Copal is a polyurethane based clear coating, which offers excellent smoothness and good hardness.



SOLVENT BASED

PRODUCT BENEFITS

Flexibility

WoodTech Copal has high film flexibility, which makes the product resist cracking even on curved surfaces.

Durability

WoodTech Copal has high durability and non yellowing film.

Superior Resistance

WoodTech Copal has good scratch, stain resistance.

PRODUCT FEATURES

DURABILITY



EXCELLENT

✓ HIGH

MEDIUM

LOW

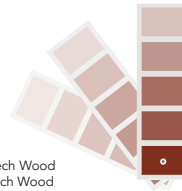
AVAILABLE PACKS



WoodTech Copal Sealer (5488)- 1 Ltrs, 4 Ltrs & 20 Ltrs.
WoodTech Copal Gloss (5489)- 1 Ltrs, 4 Ltrs & 20 Ltrs.
WoodTech Copal Matt (5490)- 1 Ltrs, 4 Ltrs & 20 Ltrs.

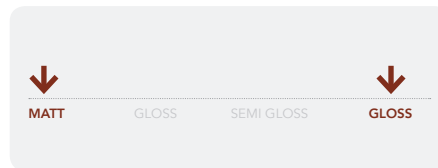
COLOURS AVAILABLE

Clear*



Range of 9 attractive Translucent WoodTech Wood Stains for Interiors & 6 Attractive WoodTech Wood Stains for Exteriors available to add/change colour.

FINISH



COVERAGE

On smooth sanded wooden surface by Spraying



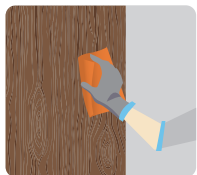
1 COAT

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.

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 BASE:HARDENER	THINNER	DILUTION %	APPLICATION VISCOSITY	RECOATING PERIOD
STEP 1 WOODTECH COPAL SEALER FIRST COAT SPRAYING	5488	80:20	PU THINNER (1532/5442)	SPRAY 20 - 30	SPRAY 15 - 20	5 - 6 HRS (SHOULD NOT EXCEED 72 HRS)
STEP 2 SANDING SAND WITH EMERY PAPER 320 OR 400 AND WIPE CLEAN						
STEP 3 WOODTECH COPAL SEALER CLEAR SECOND COAT SPRAYING	5488	80:20	PU THINNER (1532/5442)	SPRAY 20 - 30	SPRAY 15 - 20	5 - 6 HRS (SHOULD NOT EXCEED 72 HRS)
SAND THE SURFACE WITH SAND PAPER 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 4 WOODTECH COPAL GLOSSY/MATT FIRST COAT SPRAYING	5489/ 5490	80:20	PU THINNER (1532/5442)	SPRAY 20 - 30	SPRAY 15 - 20	5 - 6 HRS (SHOULD NOT EXCEED 72 HRS)
STEP 5 SANDING SAND WITH EMERY PAPER 320 OR 400 AND WIPE CLEAN						
STEP 6 WOODTECH COPAL GLOSS/MATT SECOND COAT SPRAYING	5488	80:20	PU THINNER (1532/5442)	SPRAY 20 - 30	SPRAY 15 - 20	5 - 6 HRS (SHOULD NOT EXCEED 72 HRS)
(APPLY THIRD COAT IF REQUIRED AFTER SANDING WITH SAND PAPER NO. 320/400 AND WIPE CLEAN)						

Note: 1. WoodTech Copal base should be thoroughly stirred and mixed with WoodTech Copal 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 Copal basecoat.
4. WoodTech Copal must not be polluted with oil, varnish or the like

and must not be sanded with steel wool between coats.
5. The base and hardener must be consumed within one week of opening the base and hardener containers. The containers should be tightly closed after use as the contents are sensitive to moisture.
6. 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 Copal on the specific area.
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 Ford cup B4 at 30°C.

HOW TO CHOOSE COLOURS

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

WOODTECH WOODSTAIN FOR INTERIOR FANDECK



WOODTECH WOOD STAIN SHADE CARD



WOODTECH 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

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 10-15% (Matt) on coated wooden panel at 60° Gloss Head.

c. Flash point (IS 101/1987, Part 1, Sec 6):

Above 15°C (59°F)

d. Stability of thinned paint: To be used within 3 hours

e. Shelf Life: 12 months from date of manufacture in original tightly closed container away from direct sunlight and extensive heat.

PRECAUTIONS

- > For optimum performance, Asian Paints WoodTech Copal 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 Copal Sealer, Glossy 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.
- > Avoid eye and skin contact. In case of eye and skin contact, wash with plenty of clean water.
- > Do not inhale or ingest. In case of inhalation move to fresh air and seek medical attention if symptoms persist in both the cases.
- > Work in well-ventilated area.
- > Use protective equipments like rubber / polythene gloves, safety goggles / glasses, face mask while handling the paint.
- > Dispose in land filling. Do not dispose in any drain or water-channel.