

PRODUCT CODE 1788, 1789, 1790

## WoodTech Melamyne

Asian Paints WoodTech Melamyne Clear is a solvent based acid cure clear coating, which offers excellent smooth finish and good hardness.

### PRODUCT BENEFITS

#### Good Lifetime

WoodTech Melamyne coating lasts twice as long as Touchwood, and much longer than the local French polish.

#### Good Gloss Retention

WoodTech Melamyne Glossy has good gloss retention and keeps your furniture looking shiny for years.

#### Resistance

WoodTech Melamyne has Good scratch, stain and heat resistance.

#### Hardness

The hard film of WoodTech Melamyne protects your interior furniture effectively against daily wear and tear.



### PRODUCT FEATURES

#### DURABILITY



BEST IN CLASS

HIGH

✓ MODERATE

LOW

#### COVERAGE



#### 1 COAT

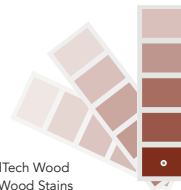
8-9 sq.mtrs./ltr/Coat\*\*

On smooth sanded wooden surface by Spraying

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

#### 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

GLOSS



GLOSS

HIGH GLOSS

#### AVAILABLE PACKS



WoodTech Melamyne Sealer (1788) - 500ml, 1ltr, 4 ltrs, 20 ltrs

WoodTech Melamyne Gloss (1789) - 500ml, 1ltr, 4 ltrs, 20 ltrs

WoodTech Melamyne Matt (1790) - 500ml, 1ltr, 4 ltrs, 20 ltrs

### 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.

#### PAINT APPLICATION PROCESS

| APPLICATION                                                                    | CODE                                                                                                                                                                        | MIXING RATIO<br>BASE: HARDENER | THINNER                                     | DILUTION %                     | APPLICATION<br>VISCOSITY (SEC) | RECOATING<br>PERIOD                                     |
|--------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|---------------------------------------------|--------------------------------|--------------------------------|---------------------------------------------------------|
| STEP 1<br>WOODTECH MELAMYNE<br>SEALER<br>FIRST COAT<br>SPRAY/BRUSH             | 1788                                                                                                                                                                        | 90 : 10                        | WOODTECH MELAMYNE THIN-<br>NER (0632/ 2126) | SPRAY 20 - 40<br>BRUSH 20 - 40 | SPRAY 20 - 25<br>BRUSH 20 - 25 | SPRAY 5 - 6 HRS<br>BRUSH 8 - 10<br>WET ON WET<br>15 MIN |
| STEP 2<br>SANDING                                                              | SAND THE SURFACE WITH SAND PAPER 320 OR 400 AND WIPE CLEAN                                                                                                                  |                                |                                             |                                |                                |                                                         |
| STEP 3<br>WOODTECH MELAMYNE<br>SEALER<br>SECOND COAT<br>SPRAY/BRUSH            | 1788                                                                                                                                                                        | 90 : 10                        | WOODTECH MELAMYNE THINNER<br>(0632/ 2126)   | SPRAY 20 - 40<br>BRUSH 20 - 40 | SPRAY 20 - 25<br>BRUSH 20 - 25 | SPRAY 5 - 6 HRS<br>BRUSH 8 - 10<br>WET ON WET<br>15 MIN |
| STEP 4<br>SANDING                                                              | SAND THE SURFACE WITH SAND PAPER 320 OR 400 AND WIPE CLEAN<br>(APPLY THIRD COAT IF REQUIRED BEFORE TOP COAT APPLICATION, SAND WITH SAND PAPER NO. 320 / 400 AND WIPE CLEAN) |                                |                                             |                                |                                |                                                         |
| STEP 5<br>WOODTECH MELAMYNE<br>MATT/GLOSSY<br>FIRST COAT<br>SPRAY/BRUSH        | 1790 / 1789                                                                                                                                                                 | 90 : 10                        | WOODTECH MELAMYNE THINNER<br>(0632/ 2126)   | SPRAY 20 - 40<br>BRUSH 20 - 40 | SPRAY 20 - 25<br>BRUSH 20 - 25 | SPRAY 5 - 6 HRS<br>BRUSH 8 - 10                         |
| STEP 6<br>SANDING                                                              | SAND THE SURFACE WITH SAND PAPER 320 OR 400 AND WIPE CLEAN                                                                                                                  |                                |                                             |                                |                                |                                                         |
| STEP 7<br>WOODTECH MELAMYNE<br>CLEAR MATT/GLOSSY<br>SECOND COAT<br>SPRAY/BRUSH | 1790 / 1789                                                                                                                                                                 | 90 : 10                        | WOODTECH MELAMYNE THINNER<br>(0632/ 2126)   | SPRAY 20 - 40<br>BRUSH 20 - 40 | SPRAY 20 - 25<br>BRUSH 20 - 25 | SPRAY 5 - 6 HRS<br>BRUSH 8 - 10                         |

NOTE: (1.) WoodTech Melamyne Base should be thoroughly stirred and mixed with the hardener and thinner in the specified mixing ratio. (2.) Mix Matt and Glossy finishes for desired level of sheen. (3.) WoodTech Melamyne must not be polluted with oil, varnish or the like and must not be sanded with steel wool between coats. (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 Melamyne on the specific

area. (6.) Recoat period is quoted for 30°C and 75% relative humidity, these may vary under different conditions. (7.) Use only WoodTech Melamyne Sealer or Top coat during wet on wet application. (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  
COLOURSCOPE



AQUADUR WOOD STAINS  
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, scraping 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 20 minutes. Tack Free time 2 hours.
- b. Gloss levels:** 80% minimum (Glossy) and 10 - 15% (Matt) on coated wooden pannel at 60° Gloss Head.
- c. Flash point (IS 101/1987, Part 1, Sec 6):** Gloss and Matt 27°C (82.1°F) and Sealer 31°C (89.3°F)
- d. Stability of thinned paint:** To be used within 8 hours.
- e. Shelf Life:** 3 years from date of manufacture in original tightly closed container away from direct sunlight and extensive heat.

### PRECAUTIONS

- For optimum performance, Asian Paints Woodtech Melamyne 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 Melamyne Sealer, 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.
- 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.