



## 360P | Technical Data Sheet

### Medium Density Overlay (MDO)

#### *360P Paint Grade*

##### **Description -**

Paneltech's 360P Paint Grade MDO is a premium paintable overlay designed specifically to provide the ultimate in surface smoothness over a hardwood face. 360P is designed for applications that require an ultra-smooth surface, for use with hardwood veneers or sanded surfaces. The overlay is saturated with petroleum-free phenolic resins derived from organic materials. When applied to a panel, 360P provides a smooth, high-masking overlay with enhanced paint adhesion characteristics for plywood, OSB, particleboard, MDF and a variety of composites. It also has good machinability for decorative applications.

As with other Paneltech MDO products, 360P has a proprietary glue line formulation that gives it strong adhesive properties when bonding to all commonly used substrates. MDO 360P exceeds the requirements of the PS1-19 Voluntary Product Standard.

##### **Features -**

- ✓ Paintable surface with enhanced surface smoothness
- ✓ Good machinability
- ✓ Masks panel grain pattern
- ✓ Quality controlled continuously by online weight and volatile sensors calibrated hourly
- ✓ Each sheet visually inspected

##### **Specifications -**

Base Paper: 132 Web Saturating Kraft (200 gsm bone dry weight)  
Resin Content: 28%  $\pm$  1.5%  
Weight: 215 gsm / 341 gsm  
Caliper Thickness: 0.45mm (0.018 in.) (Before pressing)  
Glueline Weight: 65 gsm  $\pm$  5 gsm  
Color: Natural Kraft



**Technical Data Sheet (continued)**

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**Laminating Recommendations -**

For best results, 360P MDO should be applied over a smooth face, free of particulate and debris. Press cycles will vary dependent upon the species and thickness of wood, one or two step process and press temperature. Please consult the appropriate overlay press chart near the front of this binder for actual time and temperature recommendations. Thinner panels may require a lightweight backer/ MDO to help balance and add stability. The panel edge should be sealed for exterior applications.

**Applications -**

- Signs
- Siding
- Color accent panels
- Gable ends
- Garage doors
- Marine bulkheads, decks, cabins, hatch covers
- Chimney enclosures
- Fruit and vegetable bins
- Other applications requiring a paintable surface with good moisture resistance
- Transportation side walls
- Cabinets and built-ins
- Privacy screens
- Cupolas
- Farm buildings, farm equipment
- Fertilizer bins
- Soffits and fascia
- Painted exterior surfaces

**Packaging -**

Sheet Dimensions in (cm)	50 in (127cm) x 99 in (252cm)	50 in (127cm) x 124 in (315cm)
(Sheet width, length and sheets per unit are adjustable)		
Sheets Per Unit	1000	650
Total Area Measure sf (sm)	34,375 sf (3195 sm)	27,986 sf (2601 sm)
Gross Weight Web (kg)	2675 lbs (1213 kg)	2350 lbs (1065 kg)

**Storage Recommendations -**

Recommended storage conditions are 70°F (21°C) or less in a dry location with the original packaging intact. High temperature and humidity will lead to blocking. Open rolls or pallets should be repackaged in the polyethylene material provided or equivalent. Under these conditions, the expected shelf life is 6 to 12 months.