



357P | Technical Data Sheet

Medium Density Overlay (MDO)

357P Paint Grade

Description -

Paneltech's Paint Grade MDO is a specialty overlay saturated with phenolic resin. When applied to a panel, 357P is a smooth, high masking overlay for plywood, OSB, particleboard, MDF and a variety of composites, with enhanced paint adhesion characteristics.

As with other Paneltech MDO products, 357P has a proprietary glue line formulation that gives it strong adhesive properties when bonding to all commonly used substrates. 357P has been APA certified, and has undergone extensive field testing. MDO 357P exceeds the requirements of the PS1-19 Voluntary Product Standard.

Features -

- ✓ Smooth, paintable surface with good paint adhesion
- ✓ Excellent paint adhesion
- ✓ Helps mask defects
- ✓ 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% ± 1.5%
Weight: 215 gsm / 341 gsm
Caliper Thickness: 0.45mm (0.018 in.) (Before pressing)
Glueline Weight: 65 gsm ± 5 gsm
Color: Natural Kraft



Technical Data Sheet (continued)

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Laminating Recommendations -

For best results, 357P 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)	2400 lbs (1088kg)

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.