



170 B | Technical Data Sheet

HDO Glueline Backer Logo/ Plain

170B Backer

Description -

Paneltech's 170 HDO Backer is a specialty overlay composed of bleached Kraft paper saturated with phenolic thermoset resin. Its function is to balance HDO panels to reduce warping tendencies and to display a company logo if desired.

The 170 B backer incorporates a phenolic glue surface to bond easily to the bare wood back of a standard HDO 100/30 or 120/30 panel. It can also be used with barrier films on thicker panels.

Features -

- ✓ "Phenolic glueline for bonding to a wood surface.
- ✓ "Available as a printed logo sheet
- ✓ "Quality controlled continuously by online weight and volatile sensors, calibrated hourly
- ✓ "No release buildup on press cauls – extends the life of your press cauls
- ✓ "Excellent performance in either 100/30 or 120/30 panels

Specifications -

Base Paper: 50 lb/3000 sf Bleached Saturating Kraft
Resin Content: 32% ± 1.5%
Weight: 81 gsm / 174 gsm
Glueline Weight ! variable depending on substrate and press surface
Caliper Thickness: 0.23mm (0.009 in.) (Before pressing)
Color: Light Yellow (multi-colored logo available on request)
Opacity: Medium



Technical Data Sheet (continued)

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Laminating Recommendations:

For best results, 170B should be applied over a smooth, even surface with no low-pressure areas. One-step substrates should have a process moisture content of not more than 8%. Press cycles may vary dependent upon press temperature. Two-step panels should be sanded evenly with minimal variation in caliper thickness. Release cauls are required between the press platens and panel overlay. To eliminate buildup and sticking, these cauls should be used only with other compatible release systems. Use the press chart for MDO to assess minimum press times required for bonding.

Applications:

- Backer only, to reduce panel warp
- Display logo or other marketing message

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	1000
Total Area Measure sf (sm)	34,375 sf (3195 sm)	27,986 sf (2601 sm)
Gross Weight lb (kg)	1600 lb (1108 kg)	1800 lb (694 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 9 months.