

overlays

BY  Paneltech International, LLC

Quality
medium
and high
density
overlays.

Our quality overlay products are produced in Paneltech's 25,000 square foot manufacturing facility in Hoquiam, Washington, using a high-tech, two-stage treater with sheeting and slitting capabilities.

Research and development is performed in-house using our modern lab facilities, full production line test runs, and test presses.

Staff includes a chemist with extensive experience in resin development, manufacturing, and additives.

Overlays being loaded onto a truck for delivery outside the Paneltech facility in Hoquiam, Washington.



Medium Density Overlay (MDO) on winder.

Medium density overlays (MDO) are heavy kraft-paper based products that are first saturated and cured, then coated with phenolic glue resin for application directly to hardwood or softwood plywood in a hot-press. Since the resin in the paper is fully cured, MDO can be pressed directly to a platen without sticking. Paneltech's standard MDO products meet the requirements of PS 1-07 and have been certified by the APA.

High density overlays (HDO) are highly saturated papers that are self-bonding to the substrate without a glue coating. Because of their higher resin content, they produce a somewhat glossier surface texture compared with MDO resulting in

an "architectural finish" on concrete surfaces. The higher resin gives the HDO superior barrier properties and increased resistance to abrasion and alkalinity.

Paneltech develops both standard and custom wood panel overlays and saturated media. Our resin chemists have extensive experience in resin development, manufacturing and chemical additives. Paneltech has a wide range of product platforms including both specialty papers and non-cellulose webs. This capability allows us to craft overlay concepts to match a particular product need and to accommodate differences in panel manufacturing processes.

For more information about our quality MDO products, please contact Ron Iff at riff@paneltechintl.com, or call 360.538.1480 [office].

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