



LENDERINK TECHNOLOGIES

and Associates

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#160 TS Backer - Technical Data Sheet -

- EASILY FIRE RETARDS -

With Pre-applied Thermoset or Thermoplastic Adhesives

Cream ♦ Tan ♦ Brown ♦ Black ♦ Kraft ♦ Up to 61" Wide
.010" Thickness ♦ 250-300°F± ♦ 1 Minute – 3 Minutes ♦ 50 - 150 psi

This innovative backer works as a carrier and barrier but will also provide high flexibility and excellent protection of veneers against cracking. To combine all these properties, an engineered paper of high tear resistance and delamination strength is coated with a thermo-set glue film of appropriate thickness. High and thick glue application will advance the glue penetration into the wood fibers to give them more flexibility after tenderizing.

Knowing about the problems of curling after lamination we compounded the paper to be very similar to the wood fibers. As a result, we have been able to reduce the curling effect, which makes it easier to go back to flat veneer sheets. Closed surfaces of the glue prevent penetration of adhesives or surface treatments on the veneer. Rough surfaces of the backer #160 TS allows any secondary adhesive to bond strongly, without any prior treatment.

Benefits of Lenderink Veneer Backer Sheet #160 TS

- Easy bonding of single or several layer sheet production
- Smoothness on veneer application side, roughness on customers application side
- 4 colors available for natural looking edges, no tinting of thin veneer faces *Tan – Cream – Brown – Black
- Translucent formula available
- Available in "Sheets or Rolls"
- No backer could be seen in profile when using the right color
- Increased masking of substrate defects
- Reinforcement of wood grains to improve flexibility

Benefits for the User

- Slitting and sheeting available
- No minimum quantities
- No lead time for smaller quantities
- Shipment within 10 days from factory for container orders
- Mixed shipment of different colors possible
- Attractive pricing
- Excellent tenderizing properties
- Easy lamination by self adhesive tapes for production of peel-n-stick veneer sheet products
- Available with our #486N high temperature PSA adhesive pre-applied for permanent bonds
- Low cost application equipment available *Hot Press – Nip Roll – Double Belt – Vacuum Press
- High flexibility for rolling, shipping and handling
- Reprising possible *

Benefits of Lenderink #160 TS backed veneer sheets

- Prevents cracking and splitting when handling veneer sheets
- Extremely flexible veneers, ideal for laminating to curved or flat surfaces
- Some veneers do not need flexing
- Compatible with contact glues, water-based dispersion glues, hot-melt adhesives and PSA's
- Reduced warping due to temperature and humidity changes
- No bubble engineering
- Increased adhesion using standard adhesives
- No sanding necessary to facilitate bonding
- Optimized internal bond, no delamination in itself
- Available with our #486N high temperature PSA adhesive pre-applied for permanent bonds
- Excellent moisture resistance
- No added formaldehyde
- **Excellent TY Layer for injection molded plastics *ie Auto Dash Boards – Aircraft – etc.**