

**ECO – TECH LUMBER PRODUCTS  
 98% RECYCLED HDPE**



**Dump Truck Slats**

Strong, Will not rot - Replaces wood

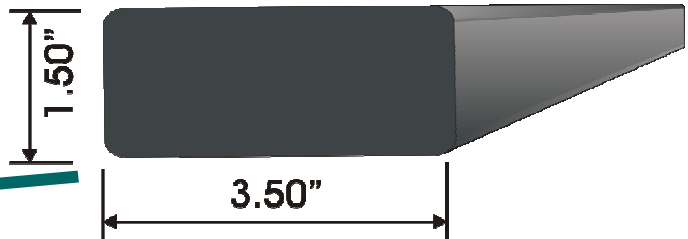
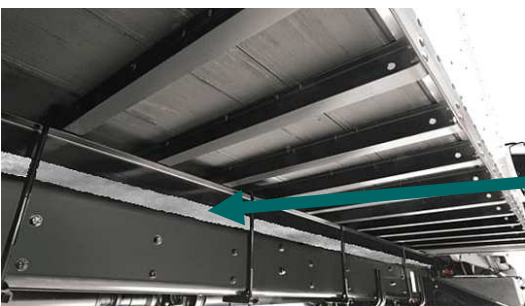


**2"x6"    2"x10"    2"x 12"**

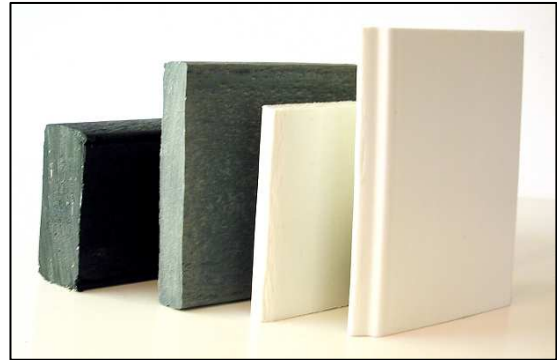


**2"x4" Stringer/Frame Slat**

Replaces wood – Impervious to weather, road salts, caustic oils & acids



# ECO – TECH LUMBER PRODUCTS



## RECYCLED HDPE HIGH DENSITY POLYETHYLENE

|                       | <u>ASTM No.</u> | <u>Value/Units</u>               |
|-----------------------|-----------------|----------------------------------|
| Hardness, Rockwell R  | D-785           | 40-80                            |
| Flame Spread          | E-84            | 97.8 – Class 3/C                 |
| Smoke Density         | E-84            | 350 – Class 3/C                  |
| Ignition Temperature  | D-1929          | 645° F                           |
| Oxygen Index          | D-2863          | 17.4                             |
| Abrasion Resistance   | D-1044          | 1-5mg/1000                       |
| IZOD Impact           | D-256           | 7.0 ft-lbs/in                    |
| Flexural Stiffness    | D-747           | 132,000 psi                      |
| Torsional Stiffness   | D-1043          | 140,000 psi                      |
| 1% Secant Modulus     | D-638           | 135,700 psi                      |
| Elongation            | D-638           | 960%                             |
| Tensile Strength      | D-638           | 4,450 psi                        |
| Heat Deflection       | D-648           | 135° F                           |
| Melt Index            | D-1238          | 0.26g/10 min                     |
| Density               | D-1505          | 0.957 min 9/cc                   |
| Low Temp. Brittleness | D-746           | L-76° C                          |
| Thermal Expansion     | E-831           | 5.34 x 10 <sup>-5</sup> in/in/°F |
| Shear Strength        | D-732           | 2,800-4,500 psi                  |

\*These are typical values and are not to be construed as specific product limits.

Underwriter Laboratory flammability rating: 94HB  
Complies with FDA Regulation 21 CFR 177.1520



Ecological Concepts, Inc