

POLYCOR™/XL

OVERVIEW

PolyCor XL is a newly patented high strength-to-weight ratio composite board designed to exceed the performance of traditional wood materials used to make walls, storage cabinetry and shelving in enclosed trailers and other specialty vehicles.

Made from 100% recyclable polypropylene, PolyCor XL is comprised of three layers: a central thermoformed core and two smooth, compact external skins, available in white, gray, or black matte finishes. It can be easily fabricated using traditional wood cutting, routing and drilling tools.

FEATURES

- Lightweight and rigid
- Bi-directional, three-layer construction
- Moisture and chemical resistant
- Weather resistant
- Excellent compression strength
- Double-sided, smooth matte finish
- Non-toxic
- Hypoallergenic
- 100% recyclable polypropylene
- Eco-friendly



FINISHING

- Die cutting
- Digital printing
- Drilling
- Fabrication
- Folding
- Gluing
- Grommeting
- Laser cutting
- Routing
- Sawing
- Scoring
- Screen printing
- Sonic welding
- Stapling

| PROPERTY | TEST METHOD | VALUE | UNIT |
|----------------------|-------------|-------------------|--------|
| Board Weight | | 120 | g/sqft |
| Board Gauges | | 2.6mm up to 9.5mm | |
| Tensile Strength | ASTM D638 | 838 | PSI |
| Flexural Modulus | ASTM D790 | 85,000 | PSI |
| Compression Strength | Internal | 175 | LBF |
| 90° Corner Crush | Internal | 270 | LBF |
| Instrumented Impact | ASTM D3763 | 150 | LBF |