

ECOR®

What is ECOR?

ECOR is a design-flexible high-performance, high-density fiberboard panel. Formed from cellulose fiber, pressure and heat. Fibers are sourced from Old Corrugated Cardboard (OCC), Old News Print (ONP), Old Office Waste, and agricultural waste fibers. ECOR boasts a high strength to weight ratio and bonds well with virtually any ink, adhesive, coating, treatment or veneer.

Data*	Metric	Imperial
Density	1067 kg/m ³	66.6 lb/ft ³
Modulus of Rupture	48.5 MPa	7,033 psi
Modulus of Elasticity	6020 MPa	873,000 psi
Tensile Strength	39.1 MPa	5,677 psi
Internal Bond	0.492 MPa	71.4 psi
Thickness Swell	64.6 %	64.6 %
Linear Expansion	0.194%	0.194%
Fire Rating**	Class A	Class A
Formaldehyde and CREL Emissions	None	None

* OCC =0.1 in. nominal thickness at 65% relative humidity

**ASTM E84 Class B on raw panel. Class A rating on treated panel.