



ECOR[®]

Basics



FlatCOR™



WaveCOR™

Elements



HoneyCOR™



CurveCOR™



RibCOR™



SliceCOR™

Structures



WaveCOR™ ESP



HoneyCOR™ ESP

Post-Production Treatments

Treatments can be used for water resistance and water proofing, adhesion, and additional aesthetic appeal. ECOR[®] readily accepts adhesives and coatings including:

- PVA Glue (Elmers[®])
- Biobased Resins
- All standard paints, sealers, and decorative coatings.

What is ECOR[®]?

ECOR[®] is an advanced environmental composite panel formed from abundant cellulose fiber, pressure, and heat. Fibers are sourced from old corrugated cardboard (OCC), old news print (ONP), office waste, forest waste, agricultural fibers, and even bovine process fiber. Ecor boasts a high strength to weight ratio, which is easily machined.

Data	Metric	Imperial
Density*	937 kg/m ³	58.5 lb/ft ³
Modulus of Rupture*	49.4 N/mm ²	7162 lb/in ²
Modulus of Elasticity*	4806 N/mm ²	697000 lb/in ²
Tolerance	+/- .79mm	+/- .031in
Water Absorption	80%	80%
Thickness Swell	52%	52%
Linear Expansion	.16%	.16%
Fire Rating	Class A	Class A
Formaldehyde Emmissions	None	None

* 0.01" thick panels pressed at 150 psi, 50% relative humidity



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