

CoreLite[®]

The world's most **advanced**
composite **core materials**



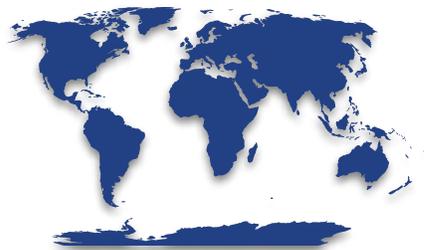
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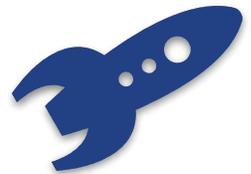
Solving engineering challenges that matter.



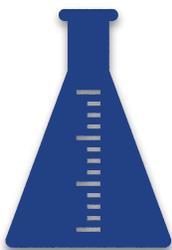
300+
Customers



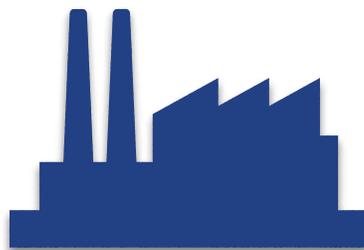
40+
Countries



12+
Industries



8+
Decades of Material
Innovation



4
Factories



3
Global Sustainability
Initiatives

BALSASUD®

BALSASUD® Core is the next-generation of End-Grain Balsa Core materials. It has:

- Outstanding **strength-to-weight** ratios (high shear and compression strength).
- PC11 Pro Coating can **reduce resin uptake** up to 76%.
- A natural insulator, fire retardant and noise reduction material.
- Heat Deflection Temperature of over **320 degrees** Fahrenheit (160 °C)
- High **chemical resistance** (including styrene).
- Completely organic, sustainable and **renewable resource**.
- BALSASUD® Core is approved by **DNV GL** and **Lloyd's Register**.

The Balsasud S.A. facility in Ecuador is certified for **Forest Stewardship Council™ (FSC™)** Chain of Custody by the Rainforest Alliance to FSC™ standards!



Densities	Imperial	Metric
Ultra Lite (UL)	6.5 Lbs./ft ³	100 Kg./m ³
Wind Grade (WG)	8.25 Lbs./ft ³	130 Kg./m ³
Standard Grade (SG)	9.5 Lbs./ft ³	150 Kg./m ³
Heavy Weight (HW)	17.5 Lbs./ft ³	280 Kg./m ³

Dimensions	Imperial	Metric
Width:	24"	610mm
Length:	48"	1220mm
Thickness:	1/4" to 3"	6.4mm to 76.2mm

Back to the basics. Pure nature.

CoreLite[®] Board

CoreLite[®] Board is a high density, closed-cell PVC foam, specially formulated for durability.

- High **stiffness** and **flexural strength**
- Phenomenal **screw retention**
- Weatherproof; **not rot**, mold or mildew
- Compatible with a wide variety of resins & adhesives
- Very easy to work with
- **27% lighter** than plywood

Engineered to meet the physical demands needed in transom boards, attachment points, floors, bulkheads, stringers, local reinforcements, molds, and tooling.



Key Values	Imperial	Metric
Density:	28 Lbs/ft ³	450 Kg./m ³
Width:	48"	1220mm
Length:	96"	2440mm
Thicknesses:	1/4" to 2"	6.35mm to 50.80mm

CoreLite[®] Board will save you weight and will not rot, mold or mildew.

Delivers tremendous performance.

CoreLite® PET

CoreLite® PET is a closed-cell PET foam formulated to provide high mechanical properties and be easy to work with.

- Superb compressive and shear properties
- **100% recyclable** polymer foam.
- High temperature resistance
- **Low** resin absorption
- Thermoformable
- No outgassing

CoreLite® PET FR has great fire FST properties.

*Sustainable.
Cost-effective.
Performance.*



Densities	Imperial	Metric
CoreLite PET 65	4.1 Lbs./ft ³	65 Kg./m ³
CoreLite PET 80	5 Lbs./ft ³	80 Kg./m ³
CoreLite PET 110	6.9 Lbs./ft ³	110 Kg./m ³
CoreLite PET 135	8.4 Lbs./ft ³	135 Kg./m ³
CoreLite PET 150	9.4 Lbs./ft ³	150 Kg./m ³
CoreLite PET 200	12.5 Lbs./ft ³	200 Kg./m ³
CoreLite PET 250	15.6 Lbs./ft ³	250 Kg./m ³
CoreLite PET 320	20 Lbs./ft ³	320 Kg./m ³

Next-Generation Foam Core.

CoreLite[®] PVC

CoreLite[®] PVC is a closed-cell, cross-linked polymer PVC foam formulated for high-performance lightweight applications. It has been engineered for **durability**, strength, and high processing temperatures.

- Low water and resin absorption
- Excellent strength-to-weight ratios
- Superb shear elongation
- Available in multiple densities
- Extremely **consistent** foam core
- Compatible with **multiple** resin systems
- Self extinguishing

Ideal for **lightweight** applications.

Ultimate performance.



Densities	Imperial	Metric
CoreLite PVC 40	2.5 Lbs./ft ³	40 Kg./m ³
CoreLite PVC 48	3 Lbs./ft ³	48 Kg./m ³
CoreLite PVC 60	3.75 Lbs./ft ³	60 Kg./m ³
CoreLite PVC 80	5 Lbs./ft ³	80 Kg./m ³
CoreLite PVC 100	6.24 Lbs./ft ³	100 Kg./m ³
CoreLite PVC 130	8.12 Lbs./ft ³	130 Kg./m ³
CoreLite PVC 200	12.5 Lbs./ft ³	200 Kg./m ³
CoreLite PVC 250	15.7 Lbs./ft ³	250 Kg./m ³

CoreLite[®] PVC HT
(High Temperature) is
also available.

Made in Italy.

CoreLite[®] PVC F

CoreLite[®] PVC F is an innovative foam core material engineered for high toughness with tremendous **high impact resistance**.

- Excellent **shear elongation** properties
- **Cold-formable** and Thermoformable
- Available in multiple densities
- Extremely **consistent** foam core
- Compatible with **multiple** resin systems

Delivers unmatched performance in **shock absorbing structures**.

*High impact resistance.
Excellent shear elongation.*



Densities	Imperial	Metric
CoreLite PVC F60	3.75 Lbs./ft ³	60 Kg./m ³
CoreLite PVC F80	5 Lbs./ft ³	80 Kg./m ³
CoreLite PVC F100	6.24 Lbs./ft ³	100 Kg./m ³
CoreLite PVC F130	8.12 Lbs./ft ³	130 Kg./m ³

Made in Italy.

imagine.
create.
enjoy.



Helping turn **dreams** into reality.



Seek for our FSC™ certified products.



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CoreLite®