



QUALITY, SERVICE & VALUE IN CORE MATERIALS

# EG BALSAs

PRODUCTS™



**EG Balsa PRODUCTS** are engineered end-grain balsa panels, which exhibit superior mechanical properties and offer exceptional value compared to other core materials. Produced in the United States, each high quality panel is manufactured to precision thickness with a natural or **ARMOR** coated surface. Panels are available in a range of densities for all molding applications to include open molding, vacuum bagging, resin infusion, RTM and numerous others.

## EG BALSAs ARMOR PRODUCTS

ARMOR is a proprietary coating applied to the surface of all EG Balsa products. ARMOR is environmentally friendly and does not degrade.

### Benefits of ARMOR Coating:

- ➔ Product identifier – green color helps identify the balsa as ARMOR coated.
- ➔ Inhibits the growth of bacteria, mold & fungi.
- ➔ Reduces resin uptake
- ➔ Compatible with virtually all resin systems
- ➔ Achieves excellent laminate bond strength

## PRODUCT INFORMATION

- \* Available 3/16" (4.75mm) to 4"+ (101.6mm)
- \* Special / Precision thicknesses available
- \* Panels size: 24" x 48", square within 1/16"
- \* Variety of standard & special densities
- \* Rigid or contourable panels
- \* Knife-cut technology on contourable products
- \* Available with grooves and/or perforations
- \* Contourable products utilize PlyScrim 100™
  - o Securely bonded to the balsa
  - o Open "web" pattern allows for increased laminate bonding surface
- \* Products are vacuum-packed in plastic bags and heat sealed for maximum protection.

## TECHNICAL DATA

		Unit	Lite	Grade	Ultra
Nominal Density	ASTM C271	lb/ft <sup>3</sup>	7	10	15
Shear Strength	ASTM C273	psi	260	433	680
Shear Modulus	ASTM C365	psi	13,800	24,800	43,500
Compressive Strength	ASTM C365	psi	1,100	1,940	3,340
Tensile Strength	ASTM C297	psi	914	2,000	3,020

The reported data, derived from laboratory testing, shall not be taken as minimum guaranteed values. They refer to the nominal density. They are believed to be correct. No warranty is made on the basis of these data. Customers should verify the data needed for the specific application, performing the necessary tests on the product. No warranty is released for any particular application. I-Core Composites, LLC may update this document without notice.