SCIGRIP® arjay
THE FUTURE OF PERFORMANCE BONDING™

Celebrating Over 40 Years of Marine Innovation

TECHNICAL DATA SHEET

2121 Radius

POLYESTER BONDING COMPOUND

A Radius Compound That Keeps its Cool

2121's low exotherm means it shrinks less, preventing air voids and time consuming finish work

In recent years boat builders increasingly have designed sharp radii and style lines into their models. The challenge on the floor becomes laminating those tight radii and not leaving air voids. Plus, this has to be done without creating other problems like gel coat cracks and "print" caused by heat and excessive resin shrinkage. Arjay's Radius Compound rises to these challenges by providing a tough, resilient, low shrink substrate between the gel coat and skin laminate that will allow you to produce void free, final finish free parts.

Saves Time and Money

When using Arjay's Radius Compound, labor hours have been shown to be significantly reduced. Our studies indicate that the increased material cost is saved many times over in the reduction of hours required in both laminating and repairing the skin coat.

Performance Benefits

- *Low exotherm and shrinkage for better finishes*
- *Reduces air voids and dry fibers in laminates*
- *Elimates surface cracks and blemishes*
- *Maintains resiliency to resist cracks*
- *High impact resistance*

ProTips & Other Resources at ArjayTech.com

- **ProTip: Building Your Boat with Radius Compound (PDF)**
- **ProTip: Maximizing Labor Savings(PDF)**
- **2121 TDS (PDF)** *Available for download any time on our website*
- **5121 TDS (PDF)** *Available for download any time on our website*

RECOMMENDED FOR

Filling Tight Radii	Filling Transitioning Style lines
Bonding FRP Parts	Bedding Core
Bonding on Vertical Surfaces	Short Assembly Time Apps
General Bonding	

WORKING PROPERTIES

Gel Time	Reaction Time	Fixture Time	Peak Exo
18-24 min	16-30 min	34-54 min	200-250° F

TYPICAL PHYSICAL PROPERTIES *@75°F (24°C)*

Color	Tan
Odor	Styrene
Texture	Smooth
Weight	10.2 lbs/gallon
Shelf Life	6 months

VISCOSITY

RPM	µ Min	µ Max
2	720,000	960,000
20	90,000	140,000

TYPICAL CURED PROPERTIES *@75°F (24°C)*

Test	Average	Std Dev.
Tensile Elongation, %	2	<1%
Tensile Strength, PSI	1620	
Flexural Strength, PSI	2160	150
Heat Deflection, °F/ °C	165/74	5
Shore D Hardness	75-85	

PACKAGING & AVAILABILITY

Pails
5 Gal./19 L

ITEM# 2121