


Comparison Chart

Protection & Benefits		Concrete	FRP Composites (Plastic/Rubber)	Asphalt	Wood Shake
Weight	Excellent 1.4 lbs./sq. ft.	Poor 9-15 lbs./sq. ft.	Fair 6 lbs./sq. ft.	Fair 3-4 lbs./sq. ft.	Fair 3-5 lbs./sq. ft.
Fire	Excellent Class "A" Fire Rating	Poor Roofs Collapse from Weight	Poor Majority are Class "C" Rated	Fair	Poor Wood Burns
Wind	Excellent High Test Rating Over 155 mph Winds	Poor Requires Special Installation to Meet High Wind Requirements	Poor Most Manufacturers Don't Offer Wind Warranties	Poor Most Wind Warranties Are Valid for 5 Years	Poor No Wind Warranty
Hail	Excellent 2.5" Hail Warranty	Fair Crack & Break	Good	Poor	Poor
Snow & Ice	Excellent Interlocking Design is Strong & Resists Ice Damming	Poor Breaks from Freeze/Thaw and Weight of Ice/Snow	Fair Breaks from Freeze/Thaw and Weight of Ice/Snow	Poor Ice Removes the Protective Granules	Good
Earthquakes	Excellent Lightweight + Added Shear Strength	Poor	Good	Good	Good
Weather Warranty	Excellent Limited Lifetime Warranty	Fair No Appearance Warranty	Fair No Warranty for Color Fade	Fair Pro-Rated Warranty	Poor No Warranty
Environment	Excellent Recyclable	Fair	Fair	Poor	Fair
Re-Sale	Excellent Increases Curb Appeal & Looks Great	Good	Fair	Fair	Fair

Ratings based on comparison with Gerard as determined from manufacturer's specification, independent testing laboratories and published industry studies and statistics.
*Requires additional nails, clips, and/or details in high wind areas.



Allowing **hot air** to escape substantially reduces heat gain.
The Batten System allows free air to pass between the roof deck and metal panels.