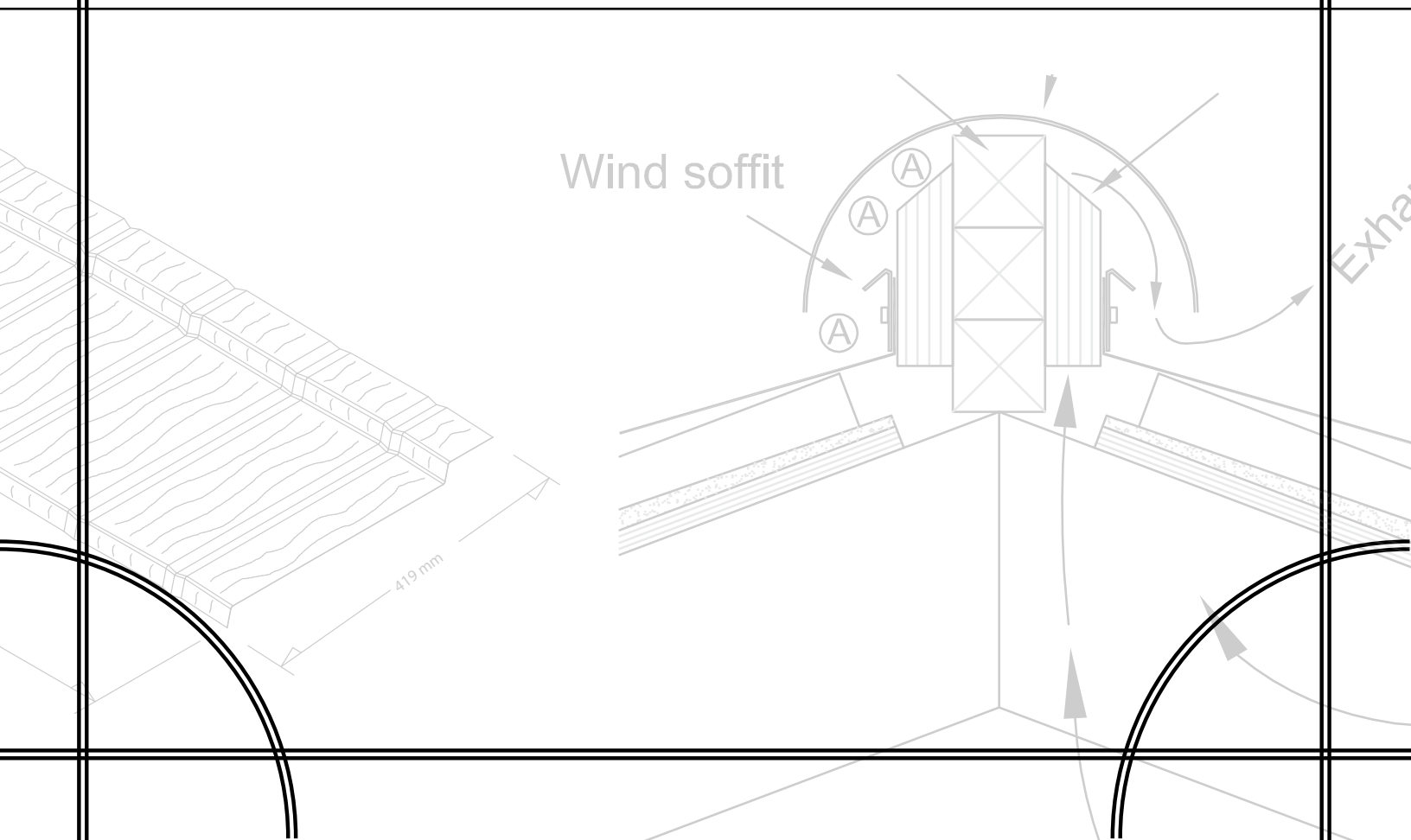


Products



Barrel Vault



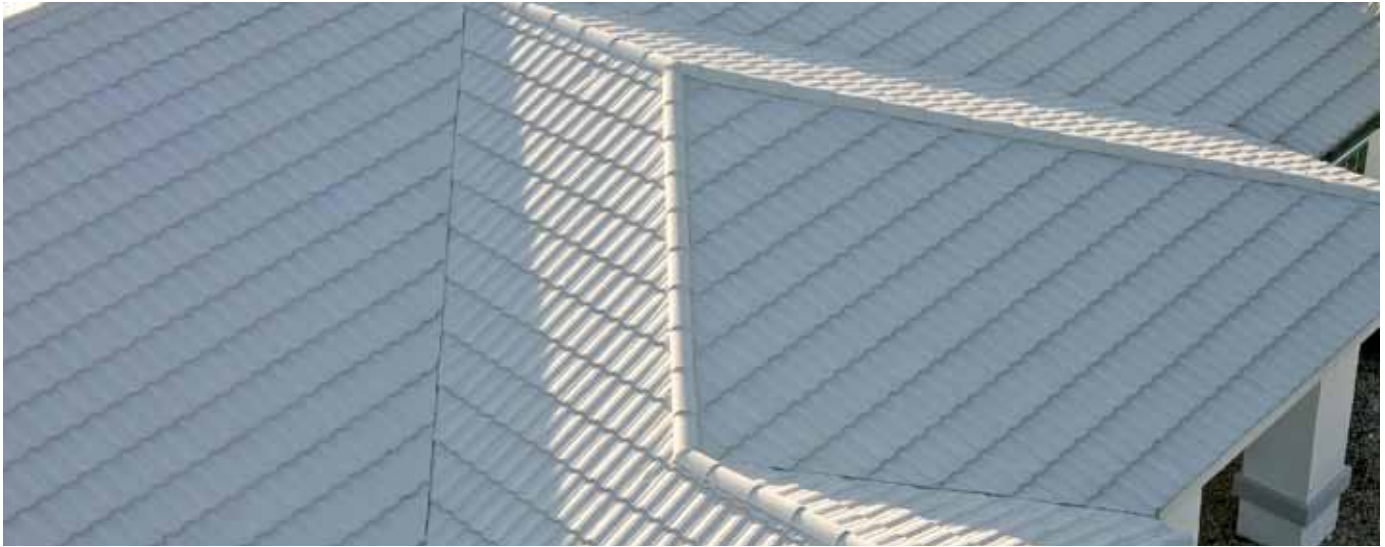
Gerard Barrel Vault panel replicates the appearance of traditional Spanish tile roofs without the excessive weight of clay or concrete. Gerard's Barrel Vault provides homes with unsurpassed performance and natural beauty found in homes or buildings with a Spanish mission design. This style of roof has become increas-

ingly popular among homeowners in Florida, and the surrounding Gulf Coast states, because of its ability to withstand hurricane force winds. Barrel Vault is also a popular choice in the Western United States, due to its ability to reflect the sun's radiant heat and cool quickly through convection.



Gerard Canyon Shake panels outperform traditional roof systems constructed from wood material found in the most severe climates. Wood shake roofing materials break down and become brittle from the sun's powerful ultraviolet rays. If a roof experiences heavy foot traffic or is in an area that has frequent hail storms, the impact of these scenarios can cause severe in-

terior deterioration. The fastening method used for wood shake is susceptible to wind uplift. Lastly, wood shake are highly combustible and can easily be ignited from air borne embers. Achieve the look of rugged wood shingles without any of the drawbacks with are Gerard Canyon Shake profile.



Gerard's Tile profile is the ideal choice for residents who want to achieve the beauty of tile without the tremendous weight this type of roofing material bears on the frame work and truss. Weighing just 1.4 lbs per square foot, achieve the beauty and look of Mediterranean tile, and

relieve the burden of stress placed on a building's infrastructure. Concrete roofing material expands and contracts in changing climate conditions causing severe damage to the roof's underlayment.

Granite Ridge and Guardian



Gerard's Granite Ridge and Guardian profiles provide an alternative to high-end composite architectural shingles. Asphalt and composite shingles break down from the sun's powerful ultraviolet rays causing them to fade, deteriorate, and curl. Traditional shingle material is also

prone to damage cause by foot traffic, hail, and wind up lift. Gerard Granite Ridge and Guardian can easily be installed directly over an existing asphalt roof reducing the amount material disposed in landfills.



Church Installations





- Made with over 30% recycled steel
- Uses 100% recyclable steel
- Recycles the majority of their waste
- Purchases all of their steel from suppliers who have recycling facilities on site
- Purchases packaging from vendors who recycle
- Is highly energy efficient
- Available Energy Star colors
- Qualifier for LEED Credits

The diagram illustrates the process of heat gain reduction. It shows 'TOTAL SOLAR RADIATION' hitting a 'Roof Surface Layer'. Some radiation is 'REFLECTED RADIATION', some is 'RE-EMITTED ENERGY', and some is 'ABSORBED ENERGY'. 'Convection' is shown as air passing between the roof panels. A red arrow indicates 'Net Heat Flux Into Roof'.

Heat Gain Reduction

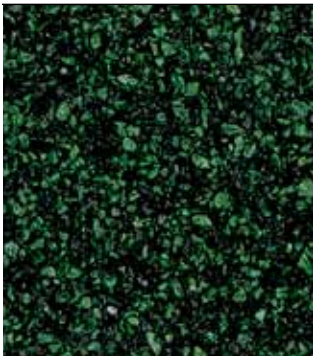
The Gerard Stone Coated Steel Roofing System reduces heat gain by as much as 45% over conventional asphalt roofing. Gerard uses highly UV-reflective granite stone chips which are sealed to the tough Zinc-Aluminum steel sub straight. The Gerard system allows air to pass between the deck and the panels. When air convection is combined with the highly reflective Gerard steel and stone roofing the result is one of the most energy efficient and eco-friendly systems in the world.

Gerard is Highly Energy Efficient

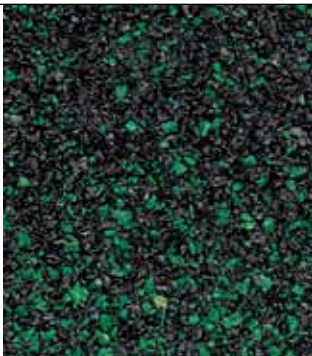
Driftwood ES	Caribbean Pearl	Autumn Gold	Segura	Ocean Tide	Dover	Aspen
TSR 36% TE 93%	TSR 56% TE 93%	TSR 31% TE 94%	TSR 28% TE 93%	TSR 36% TE 93%	TSR 41% TE 89%	TSR 29% TE 89%

TSP (Total Solar Reflectance) TE (Total Emissivity)
 Values are average expected standards based on average yield of granular use, recognizing that the variegated colors have two differing, randomly applied components. Additionally, it should be noted that as the granules are ceramic colored, the TSR value should not vary more than 1% with age and generally increase in reflective value.

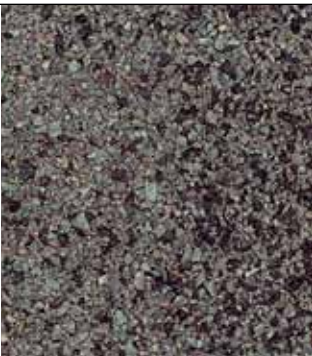
Color Swatches



Sherwood



Devonshire



Corsica



Driftwood



Mahogany



Chestnut



Barclay



English Suede



Adobe



Spanish Red



Barcelona



Terracotta



Granite



Dover



Caribbean Pearl



Autumn Gold

Color Swatches



Ironwood



Windsor



Timberwood



Country Blend



Desert Sand



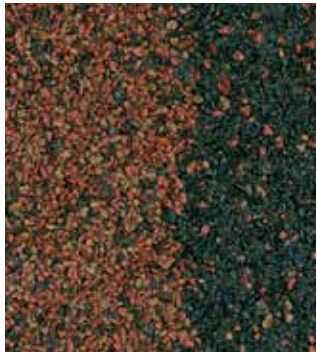
Santa Fe



Sunset Gold



Sunrise



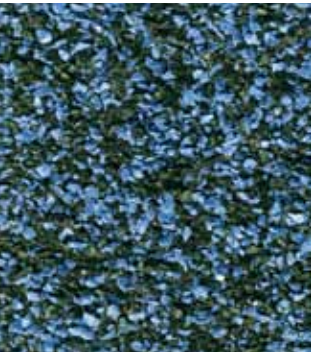
Cyprus



Charcoal



Midnight Steel



Midnight Blue



Ocean Tide



Segura



Driftwood ES



Aspen

Comparison Chart



Protection & Benefits	GERARD	Concrete	Resin 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 Sheer 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.