

Mackey Metal Roofing

Roofing Materials Comparison Chart

	Slate	Metal	Cedar Shake	Tar & Gravel	Asphalt Shingle
Recycled Content (%)	0	56	0	0	0
Recyclable Upon Disposal (%)	0	100	0	0	0
Requires Removal of Existing Roof	Yes	No	Yes	Yes	Yes (if more than 2 layers)
Landfill Burden	Yes	No	Yes	Yes	Yes
Energy Star Compliant	No	Yes	No	No	Limited
Solar Reflectivity	Medium	High	Low	Low	Low - Medium
Thermal Transfer	Medium	Low	High	High	High
Reduces Energy Consumption	No	Yes	No	No	Limited
Weight Per Square Foot	10 lbs	0.8	n/a	5.5 lbs	3 lbs
Minimum Slope	4:12	1/4:12	4:12	0:12 (flat)	4:12 in winter areas (lower elsewhere)
Fire Resistant	Excellent	Excellent	Poor	n/a	Class A - good
Maintenance	Medium	Low	Medium	Medium	Medium
Longevity (years)	50 - 150	65 +	30+ (treated)	12 - 14	14 - 25 (slope / geography dependant)
Hail	Excellent	Good	Moderate	Excellent	Moderate