

	DECRA METAL ROOFING	CONCRETE & CLAY TILE	FIBER CEMENT	ARCHITECTURAL SHINGLES	WOOD SHAKE	SYNTHETIC COMPOSITE	STANDING SEAM
COST SAVINGS	Low Life Cycle Costs <ul style="list-style-type: none"> <li>Long Use Cycle</li> <li>Lifespan is 2-3 times longer</li> </ul>	High Costs Lifespan is 20-50 years	High Costs Lifespan is 25-40 years	High Costs Lifespan is approx. 20 years	High Costs Lifespan is 20-30 years	High Costs Lifespan is unproven, expect 50 years	Low Life Cycle Cost Long Use Cycle - Lifespan is 2-3 times Longer
FIRE	Class A Rated Material	Class A Rated Material	Class A Rated Material	Class A Rated Material	Class B or C No rating if untreated	Class A or C underlayment requirements	Class A Rated Material
STORM	120 mph Wind Warranty	Wind damage not covered	75 mph Wind Warranty	60-110 mph Wind Warranty Special restrictions	Wind damage not covered	70-110 mph Wind Warranty	UL Tested
HAIL	Class 4 Impact Resistant Warranty covers hail of any size	Cracks very easily, Not rated	Class 4 Warranty limited by hail size	Class 3 or 4	Class 3 or 4	Class 4	Class 4 Warranty limited by hail size
SNOW & ICE	Freeze & Thaw Resistant	Not waterproof, when wet can absorb 15% of weight in water	Freeze/Thaw Resistant	Freeze/Thaw Resistant	Limited Freeze/Thaw Cycles	Freeze/Thaw Resistant	Freeze/Thaw Resistant (snow guards recommended)
EARTHQUAKE	Lightweight & Added Shear Strength	Heaviest weight with no added shear strength	Moderate weight with no added shear strength	Moderate weight with no added shear strength	Light to moderate weight with no added shear strength	Moderate weight with no added shear strength	N/A
ECO-FRIENDLY	Low Impact <ul style="list-style-type: none"> <li>Often no tear-off needed</li> <li>Recycled material</li> <li>End of life recyclability</li> </ul>	High Impact <ul style="list-style-type: none"> <li>High embodied energy</li> <li>Tear-off is required</li> <li>Limited recycling use</li> </ul>	Moderate Impact <ul style="list-style-type: none"> <li>Not virgin material</li> <li>Tear-off is required</li> <li>Limited recycling use</li> </ul>	High Impact <ul style="list-style-type: none"> <li>High embodied energy</li> <li>Tear-off usually required</li> <li>Limited recycling use</li> </ul>	Moderate Impact <ul style="list-style-type: none"> <li>Renewable resource</li> <li>Tear-off required</li> <li>End of life recyclability</li> </ul>	Moderate to High Impact <ul style="list-style-type: none"> <li>Limited information</li> <li>Tear-off required</li> <li>Not all are recyclable</li> </ul>	Low Impact <ul style="list-style-type: none"> <li>Often no tear-off</li> <li>Recycled material</li> <li>End of life recyclability</li> </ul>
MAINTENANCE	Low	Moderate to High (broken tiles)	Moderate to High (broken tiles)	Low	High (fire resistance maintenance required)	Moderate (replacement for breakage and curling)	Moderate to High (if repainting required)
WEIGHT	Lightest 1.4-1.6 lbs./sq.ft. Avg. Roof: 3,700 to 4,500 lbs.	6-15 lbs./sq.ft. Avg. Roof: 18,000 to 45,000 lbs.	6 lbs./sq.ft. Avg. Roof: 18,000 lbs.	2.5-4 lbs./sqft Avg. Roof: 7,500 to 12,000 lbs.	1.5-2 lbs./sq.ft. Avg. Roof: 4,500 to 6,000 lbs.	2.5-3 lbs./sq.ft. Avg. Roof: 7,500 to 9,000 lbs.	.7-1.5 lbs./sq.ft. Avg. Roof: 3,750 to 4,500 lbs.
WARRANTY	Lifetime Limited Warranty	25-50 Year Limited Warranty	50-Year Limited Warranty	25-Year to Lifetime Limited Warranty	25-40 Year Limited Warranty	50-Year Limited Warranty	Coverage varies by manufacturer