

Protection/ Benefits	Lightweight Tiles Ltd	Metal tiles	Concrete	Fibre Cement	Shingles
Weight	+/- 6 - 7.5kg/m ²	+/-7- 8 kg/m ²	+/- 50kg/m ²	+/- 40kg/m ²	+/-14 - 20kg/m ²
Fire		Class A rated material	Class A rated material	Class A rated material	Class A rated material
Corrosion	Non corrosive	Corrosive	Non corrosive	Non corrosive	Non corrosive
Wind	120 mph warranty fixed with screws for extra hold	120 mph warranty	Warranty does not cover wind damage	75 mph warranty	60 to 110 mph warranty with some special restrictions
Hail Resistant	Class 4 impact resistant Warranted against hail penetration.	Class 4 impact resistant Warranted against hail penetration.	Cracks very easily, hail can cause severe damage. Warranty doesn't cover any hail damage.	Class 4 impact resistant Warranty does not cover any hail damage.	Class 4 impact resistant Warranty does not cover any hail damage.
Snow / Ice / Water	Freeze/thaw resistant No risk to rust or water penetration at fixing.	Freeze/thaw resistant	Not waterproof, When wet will absorb 15% of weight in water.	Freeze/thaw resistant	Freeze/thaw resistant
Earthquake	Lightweight + added shear strength No injury or cuts	Moderated weight + added shear strength	Moderate to heavy weight, making roof likely to collapse	Moderate weight No added Strength	Lightweight No added Strength
Guarantee		20 year limited guarantee	25-30 year limited guarantee	20 year limited guarantee	25-30 year limited guarantee
Environment-Friendliness	Very environment-friendly Made out of Recycled material with an environment-friendly production process No tear-off needed	Environment-friendly Steel is a recyclable resource Often no tear-off needed	Not environment-friendly Tear-off is required	Not environment-friendly Tear-off is required	Not environment-friendly Tear-off is required
Life Cycle Costs	Low life cycle costs Lifespan is 2-3 times longer than other roofing products	Medium low life cycle costs	High costs Lifespan is 25-40 years	High costs Lifespan is 25-40 years	High costs Lifespan is approx. 20 years
Fixing	With screws for extra wind resistance	With nails	No fixation	With screws	With nails
Installation	DIY/professional Special easy/fast to install system	Professional	Professional	DIY/professional	DIY/professional