

Protection/ Benefits	SmallPlanet	Metal tiles	Concrete	Fibre Cement	Shingles
<b>Weight</b>	+/- 6 - 7.5kg/m <sup>2</sup>	+/-7- 8 kg/m <sup>2</sup>	+/- 50kg/m <sup>2</sup>	+/- 40kg/m <sup>2</sup>	+/-14 - 20kg/m <sup>2</sup>
<b>Fire</b>		Class A rated material	Class A rated material	Class A rated material	Class A rated material
<b>Corrosion</b>	Non corrosive	Corrosive	Non corrosive	Non corrosive	Non corrosive
<b>Wind</b>	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
<b>Hail Resistant</b>	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.
<b>Snow / Ice / Water</b>	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
<b>Earthquake</b>	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
<b>Guarantee</b>		20 year limited guarantee	25-30 year limited guarantee	20 year limited guarantee	25-30 year limited guarantee
<b>Environment- Friendliness</b>	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
<b>Life Cycle Costs</b>	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
<b>Fixing</b>	With screws for extra wind resistance	With nails	No fixation	With screws	With nails
<b>Installation</b>	DIY/professional  Special easy/fast to install system	Professional	Professional	DIY/professional	DIY/professional