

### RELATIVE PERFORMANCE OF STANDARD ROOFING MATERIALS

Attributes	Concrete Roof Tiles	Galvanised Iron Sheeting	Corrugated Asbestos sheeting	IBR Metal Sheeting
Comparative cost	0%	-1%	+8%	+16%
Durability	Life Time	Reasonable	Reasonable	Reasonable
Life	+50yrs	+10yrs	+15yrs	+15yrs
Maintenance requirements	Minimal	Minimal	Minimal	Minimal
Aesthetics	Excellent	Poor	Poor	Poor
Hail Resistance	Good	Good	Reasonable	Good
Noise resistance	Good	Very Poor	Poor	Very Poor
Fire resistance	Excellent	Good	Good	Good
Thermal efficiency	Excellent	Poor	Good	Poor
Quality standards	SABS 542-1990	Galvanising- SABS 934-1969	SABS 685-1985	No SABS spec
Ease of laying	Easy	Easy	Easy	Easy
Ease of repair	Easy	Reasonable	Reasonable	Reasonable
Wind Resistance	Good	Reasonable	Reasonable	Reasonable

Pressed metal tiles	Asbestos cement slate	Natural Slate	Thatch	Coloured metal sheeting	Burnt Clay Roof tiles
+20%	+55%	+70%	+60%	+35%	+300%
Reasonable	Reasonable	Reasonable	Poor	Reasonable	Reasonable
+15yrs	+15yrs	+15yrs	+10yrs	+10yrs	+30yrs
Repaint every 15yrs	Minimal	Annual service	Over Thatch every 10yrs	Repaint every 10yrs	Minimal
Reasonable	Good	Excellent	Excellent	Good	Excellent
Good	Reasonable	Reasonable	Good	Good	Reasonable
Very Poor	Fair	Fair	Good	Very Poor	Good
Good	Good	Good	Poor	Good	Excellent
Poor	Good	Good	Excellent	Poor	Good
SABS 1022-1975	SABS 803-198	No SABS specs	No SABS specs	No SABS specs	No SABS specs
Specialist	Specialist	Specialist	Specialist	Easy	Specialist
Specialist	Specialist	Specialist	Specialist	Reasonable	Specialist
Reasonable	Good	Good	Poor	Reasonable	Good