

# COMPARATIVE ADVANTAGES OF COLOURCON ROOFING



Serene Pavilions-Boutique Hotel, On the beaches of Wadduwa, Sri Lanka

*Colourcon is the only roofing tiles in Sri Lanka that is certified with SLS & ISO 9001:2008 quality certificates.*

**UV**  
**HEAT RESISTANT COATING**

**LESS THAN 2% WATER ABSORPTION**

**Over 80 years LIFESPAN**

**100 sq.ft MORE FOR LESS**  
**89 tiles**

**SLS 1267**

**TUV SUD ISO 9001**

SITUATIONS	Competing Roof Products	COLOURCON Roof Tiles
<b>Corrosion</b>	<p>Everything from Clay to metal roofing products corrode.</p> <p>Metal Roofing depending on the thickness of the zinc coating is most likely to corrode before other roofing options.</p>	<p>No corrosion due to cement base and thick water proofing layer. Thus becomes the most durable option in roofing especially in coastal areas.</p>
<b>Heavy Storms</b>	<p>Most Clay roof tiles are not dimensionally accurate thus can leak during storms. Asbestos and Metal roofing has the disadvantage of bringing much of the sound of storms into the building, which is very disruptive especially for schools, hotels, offices and hospitals.</p>	<p>Double grooves and special weather bars prevent leaks in stormy conditions. Dimensionally accurate thus no gaps for water to seep in from.</p> <p>Its thickness and concrete material makes the building very sound proof.</p>
<b>Durability</b>	<p>Most roofing options start weakening immediately after installation. This process is rapid in coastal conditions. Hardly any roofing products provides warranties and unlike before new roofing material tend to have a shorter lifespan.</p>	<p>With Colourcon tiles, the strength and quality keeps increasing even after installation due to curing relieving home owners from costly maintenance for decades. Its is the only roofing product in Sri Lanka to have a 30 Year Warranty.</p>
<b>Weight &amp; Structural Stability</b>	<p>Clay roof tiles absorb water during rainfall which increase the weight of the whole roof by between 10-15% causing the roof to sag. In warm climates this absorbed water quickly evaporates and the roof will rise again when the weight reduces. In tropical countries like Sri Lanka, this process repeats several times causing fatigue failure to the roof structure.</p> <p>Metal roofing is very light however can be easily affected by wind uplift during severe storms which is very common in coastal areas.</p>	<p>Colourcon roof tiles cover a larger area per sq.ft thus is usually lighter on the roof than competing clay roof tiles. Further the waterproofing on Colourcon roof tiles prevent water absorption on the exposed surface keeping the whole weight of the roof constant. Further it has a nail hole that can be made use of to perform against severe storms.</p>
<b>Product Quality &amp; Green Certification</b>	<p>Most clay roof tiles in Sri Lanka does not have any quality certification. Asbestos is banned in most countries and metal roof tend to have a very short lifespan making it less green.</p>	<p>Colourcon is the first and only roof tiles that has SLS product certification which is based on Australian &amp; British Standards. Its also the only roof tile to be awarded ISO 9001:2008 and further been tested in USA for LEED certification where it achieved a Solar Reflective Index rating above 45 (min. 29). Also WHO has approved concrete tiles as safe for Rain water harvesting.</p>
<b>Aesthetics</b>	<p>Clay roof tiles absorbs water and attracts roof fungus which binds with the clay which is very difficult to maintain. The difference between old roofs and new roofs is very high thus can be easily noticed when expanding the project at a later date. Metal roof ing does not provide the rich beauty of tiled roofs. Asbestos has no aesthetic advantage unless covered with very expensive and heavy clay covering tiles.</p>	<p>Colourcon tiles are very colour fast and performs even in harsh conditions. This is proved with 15 years of Performance roofing thousands of homes, hotels and building in Sri Lanka. With different profiles in rich and natural colours, Colourcon is able to satisfy any aesthetic preference of its customers.</p>