



Mineral Polymer Composite Roof Tiles

Protecting the environment. Protecting your home.

FREQUENTLY ASKED QUESTIONS

When will the tile be available?

Automated Plant Commissioned April 2024

Will it be certified?

- Agreement Certified REF 2021/624.
- Environmental Product Declaration by Third Party – in progress
- ISO 14001 - Environmental

What are the available colours?

Initially only available in marble textured finish Charcoal.

Can the Tile corrode?

Absolutely not. The composition of the tile is made from non-corrosive material.

How many tiles per m²?

9.6.

Is the tile registered with the NHBRC?

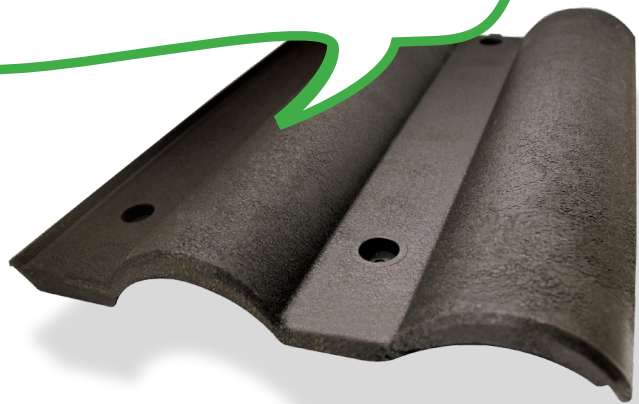
As the product is certified by Agreement we will have NHBRC recognition.

What is the transport cost against a standard concrete roof tile?

We can load 75% more of the EcoTiles® as they are only 25% of the weight of a concrete roof tile. In essence, tile for tile, EcoTile® is only 25% of the cost to transport concrete tiles!

What are the EcoTile® breakages in transport?

While we would never claim that the roof tile is not breakable, breakage in transit is unlikely.



What is the size of the Harvey EcoTile® roof tile?

Actual size is 420mm x 324mm and the effective size is 345mm x 310mm.

What is the weight comparison per square meter with concrete?

The average weight of a concrete double roman roof tile is 4.2kg = 44.1 kg per m². Harvey EcoTile® at 1.3kg each = 12.48kg m².

What is the recommended roof pitch?

We would recommend a pitch of anything between 12.5 to 30 degrees. For pitches below 22 degrees, an underlay is recommended.

What bracing size should be used?

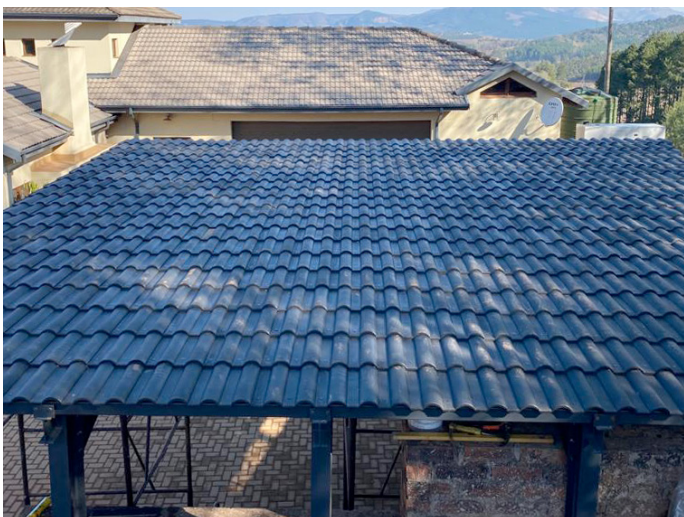
Tested at 27 degrees the truss spacing of 1100mm using sizes 114 x 38 SABS approved timber and battens of 38 x 38 will suffice. Alternatively Light Gauge Steel top hat sections.

How easy is the roof assembly?

Very! There are five location points for ease of fitment. (Refer installation manual)

Is the assembly faster than with concrete?

Indeed, as the Harvey Eco Tile® locates onto the bracing and is fixed to the tile below (Refer installation manual)



Harvey EcoTile® creates a non-porous, matte textured finish.



AGRÉMENT
SOUTH AFRICA
innovative construction product assessments
Agreement Certification ref: 2021/624



What fixings are required?

The tile at the eave requires one fixing screw (which we supply), unless in high wind areas where two would be recommended. The screws are self-cutting with a hex head and a rubber washer.

What equipment (tools) are required to fit the tiles?

A standard battery-operated Drill Driver with adjustable torque setting.

Can the Harvey EcoTiles® be walked on?

Walkability test passed at point load breakage of 360kg.

What breakage can we expect on assembly?

While we would never claim that the tile is unbreakable, the assembly / fitment breakage will be under 1%.

How easy is it to cut the MPB tile?

Very easy, using a small angle grinder, a mask is advisable as the cutting produces swarf and not dust as with a concrete tile.

What accessories are available?

We have a range of accessories available (Refer to our product brochure).

What is the product warrantee?

A 30 Year warrantee will apply. (Refer to T & C's)

Are there any show houses available?

Yes, there are three show projects:

- Hydraform, Rondebult Street, Germiston.
- Jacarand Subject a Holiday Flats, Uvongo KZN.
- Estate Gauteng, Lifestyle Estate Secunda and many more in progress.

What is the fire risk? Can it burn?

Complies with SANS 10400 Part T (table 2).

What is the fade factor?

Any roof product, albeit concrete tiles or steel, will fade over time through natural weathering. Harvey EcoTile® will also fade over time, but given the quality of the masterbatch, the fading will be uniform and consistent.

Does it come in different profiles?

Harvey EcoTile® is a "Double Roman" profile and this will initially be the only profile available. Future designs /shapes are being considered.

Is Eco Tile Recyclable?

Yes, 100 % recyclable.

Does Eco Tile absorb moisture?

Moisture ingress will be less than 0,50% over a 24 hour period. This will result in the roof structure mass not being potential compromised (as with concrete tiles) and also provide superior water harvesting capabilities.



Lightweight



Low on
Maintenance



Strong & Durable



Weatherproof



Attractive design



Easy installation



Paintable



SANS 10400-T
Tested



Waste
Material



100%
Recyclable



Waterless
Production



Community
Development



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