

MARCH
2024



PRODUCT BROCHURE



SUSTAINABLE 100% RECYCLABLE ROOF TILES





Protecting the Environment. Protecting your home.

Mineral Polymer Composite Roof Tiles

Revolutionary roofing

Roof tile design has seen minimal innovation in centuries. Thick, heavy concrete or clay tiles are simply stacked upon one another and held down by their considerable weight. This in turn dictates strong, heavy and expensive roofing structures to cope with the load. These heavy roof tiles are hard and brittle which results in up to 10% breakages on installation and further threat of damage from hail, wind and being walked upon. There had to be a better way.

Harvey Roofing Products sought to resolve these functional challenges by solving another pressing issue: sustainability.

How could we improve on archaic roof tile systems and at the same time remove harmful plastic waste from the environment?

The breakthrough came in the form of **Harvey EcoTile®**

By utilising waste material, Harvey EcoTile® is 100% recyclable yet provides superior functional benefits to concrete or clay roof tiles.

Harvey EcoTile's® technological design advantage ensures an interlocking, lightweight tile that is low on maintenance, weatherproof and virtually unbreakable in normal use.

The Harvey EcoTile Plant, a fully automated and world-first facility, is situated in Brakpan, Gauteng. It will have the capacity to produce 8 million tiles per annum.



Solar Bracket

- Stylish Double Roman design combines exceptional functional advantages with classic aesthetics.
- Advanced engineering provides interlocking system for weather proofing and superior strength.
- Precision-fit accessories provides weatherproof, maintenance-free seal.
- Non-porous, non-brittle finish ensures low water absorption and light weight in all weather conditions.



14 Reasons to Choose Harvey EcoTile®



Lightweight

- 70% lighter than comparable concrete tiles
- Save on roof-structure timber costs
- Transport 3 times more roof tiles with one load
- Easy offload and handling on-site



Low Maintenance

- UV stability
- Ridge Tile assembly does not require unsightly cement and debris
- No need to repaint your roof
- Will not shift due to fixing methodology and interlocking design



Strong & Durable

- 4x stronger than standard concrete tiles
- Virtually unbreakable in normal use
- Shatterproof
- Walkable once installed
- Enhanced security
- Non-brittle
- Save up to 10% on breakages vs. concrete tiles



Weatherproof

- Precision engineered interlocking design
- Gaps are eliminated
- Wind proof beyond gale force
- 100% Hail proof
- Water and leakproof
- Minimised dust ingress
- Low water absorption



Attractive design

- Classic Double Roman design
- Creates a precise and uniform complete structure
- Consistent matte black textured surface
- Through-colour (not coated)



Easy installation

- 5 Location points for ease of placement
- Fixing screw ensures quick fastening and suitable for high wind areas
- On-site speed due to light weight
- "Cuts like butter" with no dust unlike concrete tiles



Paintable

- Standard matte marbled charcoal coloured tile
- No need to paint
- Paintable with Harvey Products approved paint in any colour desired post construction



SANS 10400-T Tested

- Harvey Eco Tile is tested in Accordance to SANS -10177 - 123 and conforms to SANS 10400-T with regards to safety distance
- Agrément certification ref: 2021/624



Solar Compatible

- Fixing brackets available
- A masonry drill bit can easily be used for drilling holes for wiring / piping requirements



Re-roofing

- Suitable for re-roofing over an existing roof
- No disruption to occupants, tenants or business activity



Waste Material

- Manufactured from mineral waste products
- Each tile removes the equivalent of 3.8 two-litre milk bottles from the environment



100% Recyclable

- Harvey EcoTile® is manufactured from 100% recyclable waste material



Waterless Production

- No water is required in the manufacturing of Harvey EcoTile®
- Zero water content in finished product



Community Development

- Materials are sourced from local community projects
- Production stimulates primary and secondary job creation

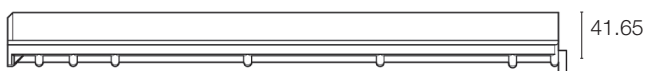
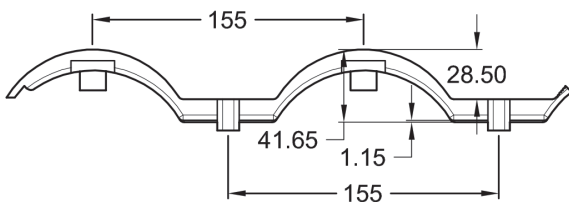
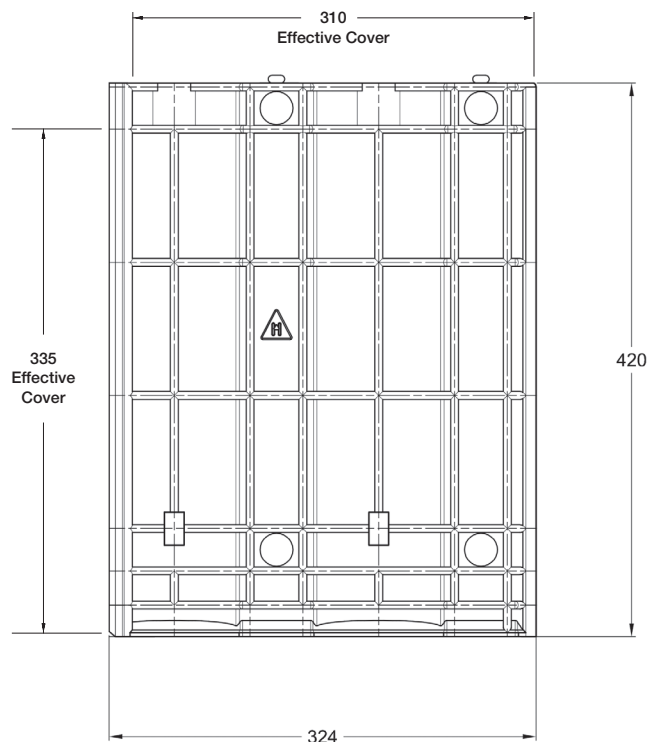
Harvey EcoTile® Accessories



Technical Specifications

(Dimensions in mm)

Tile weight (ave): 1.6kg each
Tiles per m²: 9.6
Weight per m²: 15.36kg

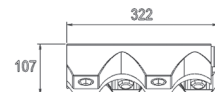
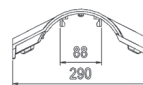
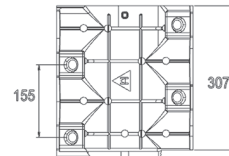


Wall thickness:
4.5mm

Overall thickness:
12mm

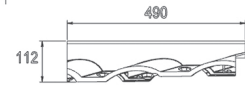
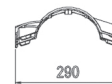
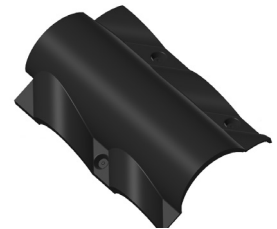
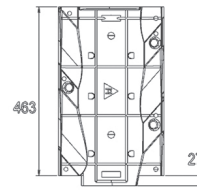
Accessories

Ridge Cap



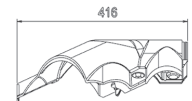
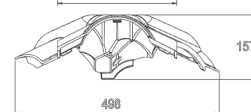
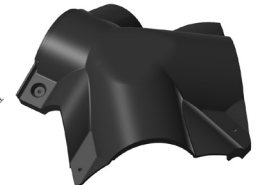
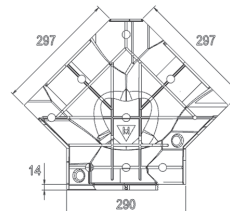
Weight: 1.60kg each

Hip Cap



Weight: 1.60kg each

Hip Starter



Weight: 1.90kg each

Fastening Accessories

Self Drilling screw #10
(4.8mm) x 45mm Hex
Washer Head T17 CL3
+ #10 x 16mm Bonded
Washer with Seal



5/16" A.F. Hex
black colour cap;
HDPE UV
stabilized; 16mm
flange

Solar Bracket



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