



**HARVEY EcoTile®**  
A DIVISION OF MACSTEEL

Protecting the environment.  
Protecting your home.



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



**Harvey  
Roofing Products**  
A DIVISION OF MACSTEEL

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[www.harveyroofingproducts.co.za](http://www.harveyroofingproducts.co.za)



# Sustainable style. Sustainably strong.



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## 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.

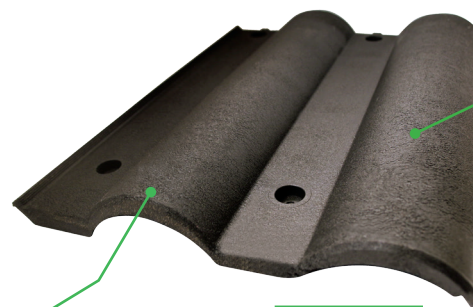
## How could we improve on archaic roof tile systems and at the same time remove harmful plastic waste from the environment?

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

**Harvey EcoTile®** is a proudly South African, revolutionary breakthrough in roof tiles. By utilising 98% waste material, **Harvey EcoTile®** is 100% recyclable yet provides superior functional benefits to concrete or clay roof tiles.

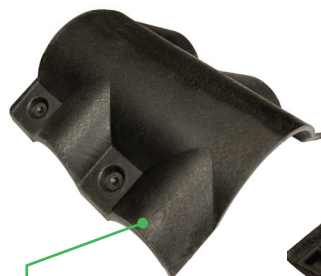
**Harvey EcoTile's®** technological design advantage ensures an interlocking, lightweight tile that is low on maintenance, weatherproof and virtually unbreakable in normal use.

## Mineral Polymer Composite Roof Tiles

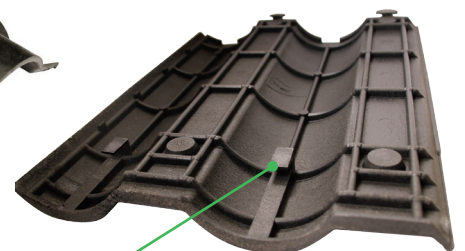


Non-porous, non-brittle finish ensures low water absorption and light weight in all weather conditions.

Stylish Double Roman design combines exceptional functional advantages with classic aesthetics.

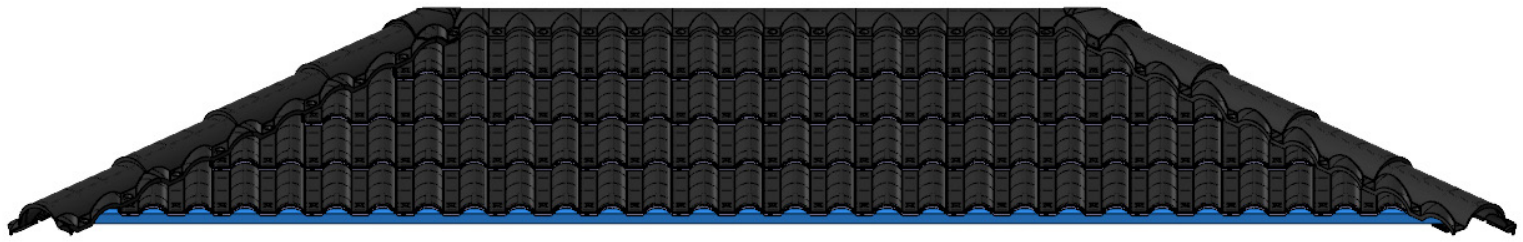


Precision-fit ridge tile provides weatherproof, maintenance-free seal.



Advanced engineering provides interlocking system for weather proofing and superior strength.

# Protects like no other roof tile.



## Functional benefits



### 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 on 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



### 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 black 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.

## Sustainability



### Waste Material

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



### 100% Recyclable

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



### Waterless Production

- No water is required in the manufacturing of Harvey EcoTile®



### Community Development

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

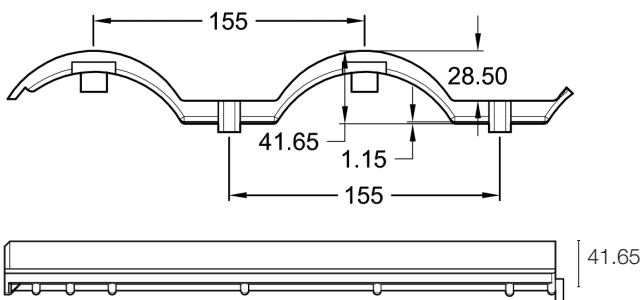
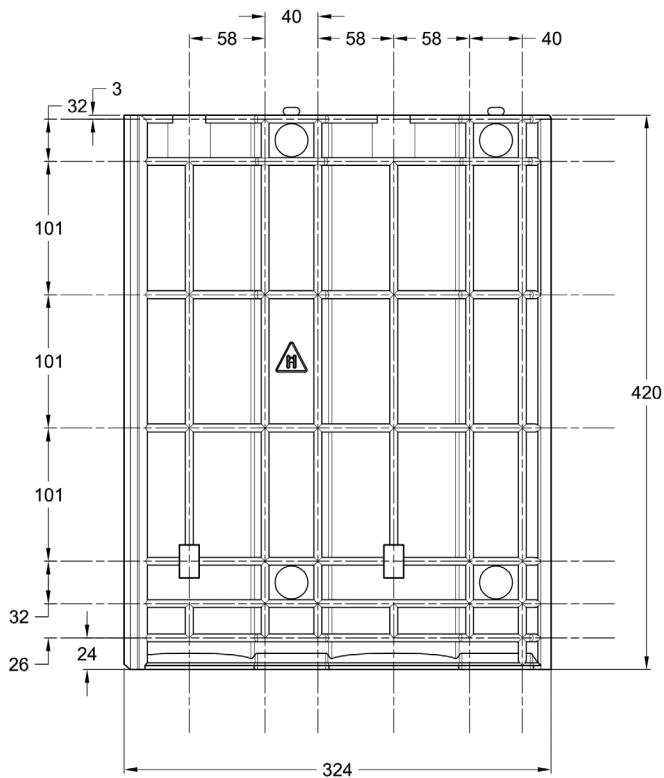


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## Technical Specifications

(Dimensions in mm)

Tile weight: 1.35kg each  
Tiles per m²: 9.35  
Weight per m²: 12.62kg

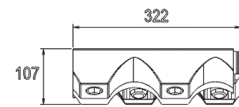
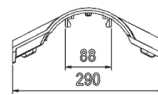
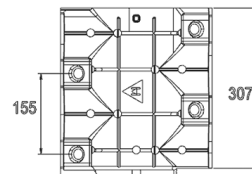


Wall thickness:  
4.5mm

Overall thickness:  
12mm

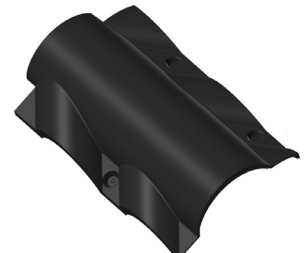
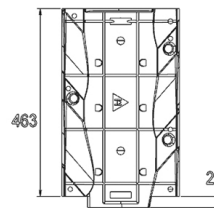
## Accessories

### Ridge Cap



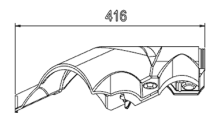
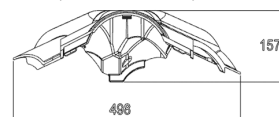
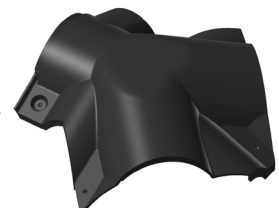
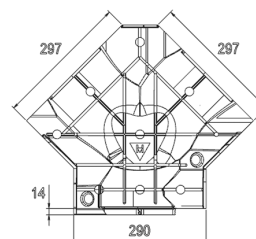
Weight: 0.9kg each

### Hip Cap



Weight: 1.4kg each

### Hip Starter



Weight: 1.3kg each



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