



HARVEY EcoTile®
A DIVISION OF MACSTEEL

Mineral Polymer Composite Roof Tiles

Protecting the environment. Protecting your home.

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

DATA SHEET

COMPANY INFORMATION

ITEM	DESCRIPTION
Product Name	Harvey EcoTile®
Manufacturer	Harvey Roofing Products a division of Macsteel Service Centres SA Pty (Ltd)
Company Registration	2005/016292/07
Website	www.harveyroofingproducts.co.za
Contact number	Tel: 011-741-5600
Email	albie.jordaan@macroofing.co.za
Physical Address	CNR Molecule & Helium Roads, Vulcania, Brakpan
Postal Address	P O Box 420, Brakpan, 1540

PRODUCT INFORMATION

ITEM	DESCRIPTION
Product Description	Mineral Polymer Composite Roof Tile with UV stabilizer
Profile	Double Roman (single)
Colour	Black (Charcoal) through-colour (not coated)
Texture	Matte finish, non-brittle (will not shatter)
Tile Weight	1.35kg each
Weight M²	12.62 kg / m²
Tiles / m²	9.35
Dimensions	324mm x 420mm
Effective Coverage	310mm x 345mm
Wall thickness	4.5mm
Overall Thickness	12mm
Packaging	Timber pallets in multiples of 600 tiles.



TECHNICAL INFORMATION

ITEM	DESCRIPTION
Certifications	Agrément TUV (ISO 9001 & 14001)
Undertile Membrane	None required for recommended roof pitch (refer installation manual)
Thermal Properties	K. eff 0.264 R. eff 2.443
Walkability Test	Passed: Point load breakage at 360kg
Compliance with National Building Regulations	Fitness for purpose of material used: Passed & Agrément Behaviour in fire: Complies with SANS 10400 Part T (Table 2)
Water Absorption	< 0.5%
Hail resistance (SABS ref BCT – 210176-00046)	There were no cracks or visible damage observed on Harvey EcoTiles after they subjected to Ice ball diameter 38mm at speed 31.62 m/s
Fixing methodology	Interlocking and positive fixed onto battens (refer installation manual)
Recommended truss spacing	1100mm spacing using SABS timber – size 114 mm x 38 mm.
Recommended batten spacing	345mm using 38 x 38 SABS timer or LSF top hat sections
Fasteners	a) TIMBER SECTIONS: Class 3 : Fixing Screw with Washer Assembly 4.8mm x 45mm HWASH T17 b) LSF SECTIONS: Class 3 : M6 x 38 Hex and 17Nm torque
Roof pitch	10-30 degrees (refer installation manual)
Recyclable	100%
Paintability	Suitable for post painting
Solar Compatible	Yes / Unique Solar Brackets available
Warrantee	30 Year (Ts & Cs apply)



Lightweight



Low on
Maintenance



Strong & Durable



Weatherproof



Attractive design



Easy installation



Paintable



SANS 10400-T
Tested



Waste
Material



100%
Recyclable



Waterless
Production



Community
Development

