

Double Roman Roof Tiles

ROMA ECO — Modern, Light weight and Durable Roof Tiles System .

ROMA ECO — Modern, lightweight and durable. Classic Shape, interlocking composite Roof tile with a distinctive Roman profile, boasting a gentle roll and subtle pans. It is available in a wide range of colours, including the Terracotta or Anthracite, to blend harmoniously with any environment.

Once installed, these tiles create the look of a classic, clay double roman roof with the added advantage of being lightweight—so ideal for roof renovations without the need of changing the roof timber construction, compatible and manufactured alongside with a wide range of fittings and accessories including verge tiles, ridges, vent tiles etc.



Product Features

The properties of composite roofing tiles materially differ from properties of other roofing tiles and roofing products on the market, whereas:

- their appearance is no different from ceramic roofing tiles,
 - their colour is uniform throughout the profile,
 - their surface is smooth (without the need for engobing/glazing),
 - **they are not susceptible to mechanical damage and they do not break,**
 - **they are 50% lighter than traditional ceramic roofing tiles,**
 - they feature **very low hygroscopic properties**, therefore no **fungi, mould or moss**,
 - fully **frost-proof**, weather **resistance**, wind resistant, UV resistant,
 - **Breaking resistance** , they do not crack under the impact of hail or under the load of snow,
 - **they ensure a better insulation** of the attic due to their low thermal conductivity,
 - **they ensure acoustic insulation**, eliminating outside noise produced by rain,
 - the low weight of plastic roofing tiles enables using lighter rafter framing and even lighter walls, especially in the case of wooden houses; it is also significant in
 - They are ideal for repair works on old roofs,
 - replacement of asbestos roofing without reinforcing the rafter framing,
 - in transport – a single trailer can hold 1,200 sqm of roofing tiles.
 - they are **easy to install**:
 - treatment: you may cut them with any angle grinder or make holes (including for ventilation) at any location without the risk of breaking or cracking,
 - attaching to laths: brass, stainless steel or galvanised steel bolts for wood, ensuring wind load resistance,
 - no installation waste.
 - considering all above advantages, construction of a roof using plastic roofing tiles is **cheaper** than when using mid-class ceramic roofing tiles, mostly thanks to very low prices of roofing accessories and other savings, such as purchase, transport, installation of materials and lifecycle maintenance of roofs.
 - **rich colour palette** – composite mass for roofing tiles can be dyed to any colour, ensuring a uniform colour of roofing tiles throughout the entire profile.
- environmental aspects** - no waste is produced during construction of roof using composite roofing tiles, at any stage, which improves the environmental performance of roofs. It is not without merit that less wood is required for rafter framing to be covered with composite roofing tiles.

Installation

BASIC TOOLS



EASY AND LIGHT INSTALLATION



FINISHED ROOFING

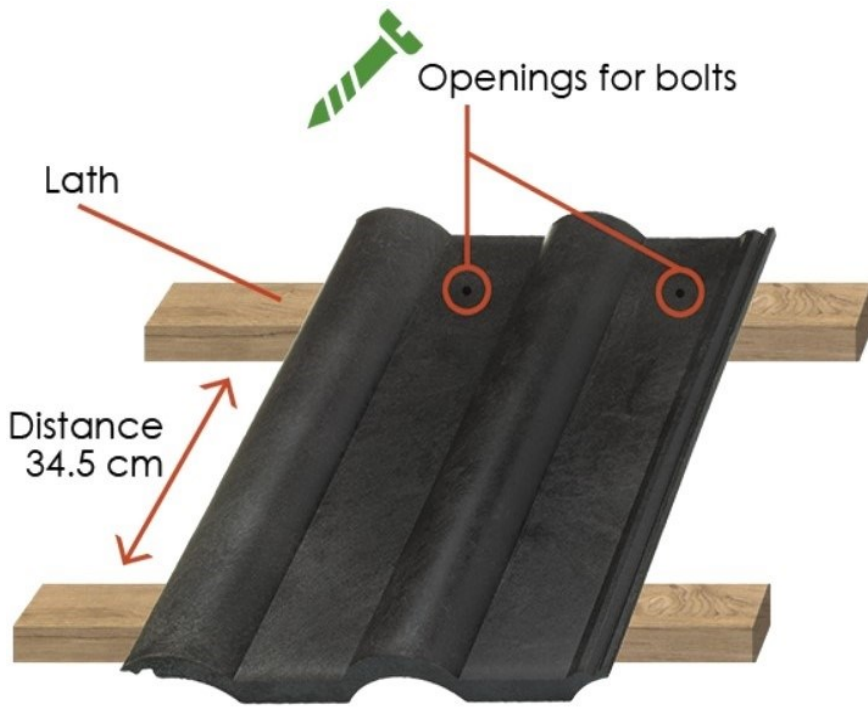


MINIMUM WASTE

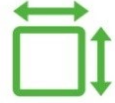


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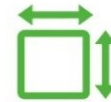
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Roofing tile weight: **2 kg**



Roofing tile dimensions:
Thickness: **10 mm** Length: **400 mm**
Width: **310 mm**



Ridge tile dimensions: Thickness: **10 mm** Length: **315 mm**
Width: **210 mm** Height: **110 mm**



Colours: **anthracite, graphite, red rustic**



Roof surface area: **10 pcs/sqm**



Angle of roof inclination: **min. 17°**



Rafter framing load: **20 kg/sqm**

Projects Pictures



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