

# Onduvilla

## Tile Strips

Onduline Garden Roof Range



**Onduline**  
Onduline Building  
Products Ltd



# Onduvilla Tiles Strips

The Onduvilla range has been designed at our Italian design studio with a unique three tone colour finish recreating warm natural colours normally only associated with expensive and heavy clay roofing products. This attractive colour finish combined with the Mediterranean bold roll profile results in an exciting and exclusive roof covering that bestows an attractive aesthetic roof finish to any structure.

The practical design aspects of the Onduvilla tile strip range have not been overlooked with an innovative tile lapping system utilising a grooved lap joint to provide enhanced weathering performance.

The tiles form a desirable, durable and lightweight roof covering that can either be laid on a roof decking or close boarding. The system is ideal for a wide variety of applications and suitable for both trade and DIY projects.



## Material specification

**Colour:** Onduvilla Tiles are available in three attractive 3 Tone colours: Red, Green and Brown. The tiles feature a pigmented base colour with a secondary painted surface finish.

### Onduvilla Tile Strip

**Length:** 1.060m

**Width:** 400mm

**Thickness:** 3mm

**Weight Per Tile:** 1.27 kg



**Corrugations:** 6 Corrugations with 5 Flats

**Corrugation Depth:** 40mm **Width:** 90mm

**Minimum Roof Pitch:**

10° degrees (decked roof).

15° degrees (battened roof).

\* terms and conditions apply

**Coverage Per Tile:** 0.31 m<sup>2</sup>

**Tiles per m<sup>2</sup>:** 3.23 Tiles per m<sup>2</sup>

**Ventilation:** 85cm<sup>2</sup>/m

## Colours



3 Tone Green



3 Tone Red



3 Tone Brown

## Fixing Guide

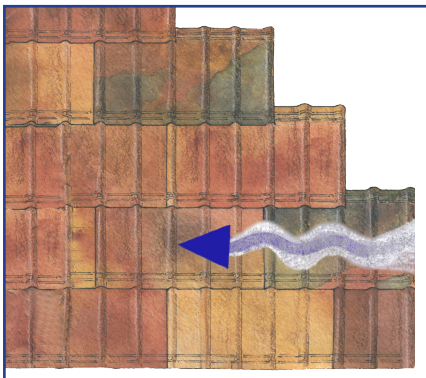
To ensure a long lasting roof it is essential to fix the tiles in accordance with the fixing instructions.

**Onduvilla Tile Strips** can be laid directly onto OSB or plywood decking or close laid boarding providing the roof deck will accept a nail penetration of 20mm, existing roofing felt can be overlaid.

If the decking is thinner than 20mm or if a batten fixing is required, first fix 25 x 100mm treated tile battens at 160mm centres to provide a fixing and support structure for the Onduvilla tile strips in accordance with the fixing guide.

**Insulation** can be incorporated into the roof structure using rigid insulation board laid in accordance with manufacturers instructions. However, as Onduvilla is not vapour permeable a ventilation channel is required below the tiles. (Details are available from our technical department).

**IMPORTANT:** Check that the roof structure is sound and repair and reinforce roof as required.

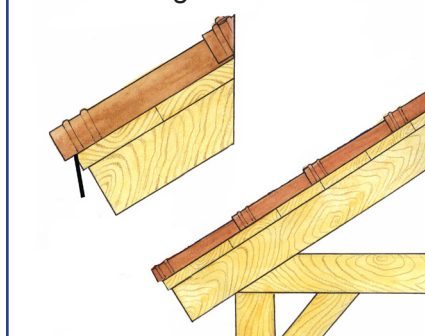


**Tile Layout:** Commence fixing the tiles at the opposite end of the roof to the prevailing wind. Start alternate courses of tiles with a half tile to create a broken bond pattern to the tile side laps.



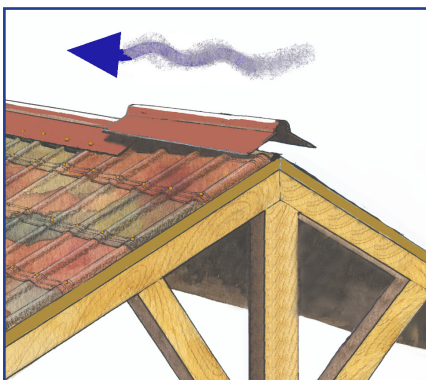
**Minimum Roof Pitch:** Pre-formed lap grooves provide assured weathering on roof pitches as low as 10° degrees on decked roofs and 15° degrees laid on battens.

Tile overhang 25 to 50mm



**Eaves:** Nail the optional batten cloak to the decking at the eaves, lay tiles with a 25mm to 50mm overhang.

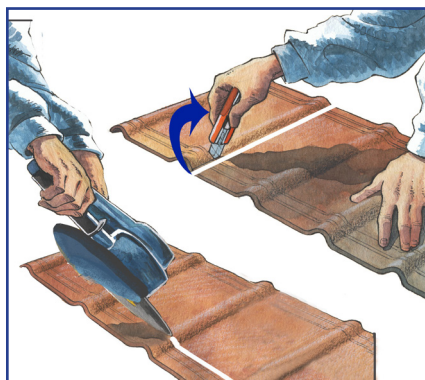
**Verge:** Support the last tile corrugation with a timber edging positioned to align under corrugation.



**Ridge:** Always start fixing ridges the opposite end of the roof from the prevailing wind. Lay the Onduvilla 3-tone Ridges with 200mm overlap, fix by nailing into every corrugation.



**Sheet end laps:** Mark out decking with tile laps, then simply align the pre-formed capillary grooves of the tile end laps with a single corrugation side lap and nail into position through top of corrugations.



**Cutting:** To cut the **width** of the tiles score with a knife, then bend the tile up to separate sections. To cut down the **length** of the tiles it is advisable to use either an electric rotary saw or an angle grinder.

## Accessories

### Onduvilla Ridges

**Width:** 50cm **Length:** 90cm **Thickness:** 3mm **Weight per ridge:** 1.4kg

**Colour:** 3-tone Green, 3-tone Red, 3 -tone Brown

### Onduvilla Nails

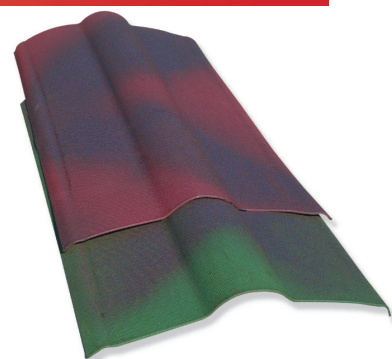
Carbon steel, zinc plated and passivated. Safe top bonded washer in UV stabilised P.V.C. Available in Green, Red and Brown.

**Length:** 65mm (overall) **Diameter:** 3.55mm **Packing:** 400 tiles per pallet

### Ventilated Eaves Fillers

Black polypropylene with a special additive for extra UPVC resistance

**Length:** 1m







## General Information

### Supply

Onduvilla Tile Strips are available from stock through authorised distributors. Please contact the Sales office for your local stockist.

### Maintenance

To ensure a long life the roof should be cleared of leaves and debris and gutters cleaned regularly.

### Installation

The Onduvilla tile system must be laid in accordance with fixing instructions. Our Technical Department will be pleased to assist with any specific enquiries.

### Note

The information in this brochure is correct at the time of printing, Onduline reserve the right to change specifications at any time without notice. The product guarantee is subject to terms and conditions.

### Technical Note

Onduvilla tiles are not classified to External S.AA fire rating as required in UK Building Regulations for some classes of structure. In these cases they must be fixed on a fully supporting roof deck and the sheets coated with a proprietary AA surface paint treatment applied in accordance with the paint manufacturers instructions.

### Caution

Covering of roofs can be a hazardous operation. All work must be carried out with due regard to health and safety regulations as set out in HSG33 (Roof work).

### Conditions Of Use

Although the colouring process in the manufacture of the Onduvilla tile is long lasting, as with similar natural roofing materials it is subject to the effects of weathering. The colour can also differ between production batches. Onduline Group will not be responsible for the effects of structural movement related problems.

**www.Onduline.net**

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