ONDUTILE Low Line®

The new lower profile tile and slate roofing underlay system

New Ondutile option
Proven secondary Roofing
Durable roofing performance

www.onduline.co.uk
Ondutile System Innovation:

With the introduction of a new Onduline Mini 18 base sheet the Ondutile system now offers the choice of two base sheets to select from. The existing Onduline Classic sheet with its 38 mm deep corrugation has established a market leading reputation as a proven tile underlay base sheet. It also maximises roof ventilation forming a ventilated cold roof section.

The new Onduline Mini 18 sheet has a 24 mm deep corrugation, it’s this low profile corrugation that provides the Ondutile low line system with its reduced roof section making it ideal for projects on which the height restriction or the aesthetic appearance of the roof line is of prime importance. Whichever sheet option you select the same proven secondary roof performance and durability is assured.

Ondutile System Option:

So now the choice is yours to select either the existing proven Classic Ondutile or the new Ondutile Low-line Mini 18 base sheet to suit your roofing design requirements, allowing roofing tiles and slates to be laid below the manufacturers minimum recommended roof pitch with confidence.

**Ondutile base sheet options:**
- Onduline Classic 38mm deep sheet
- Onduline Mini 18 24mm deep sheet

**Classic - 38mm Onduline base sheet**

Enhanced roof ventilation: 17,000 mm² per linear metre

**Mini 18 - 24 mm Onduline base sheet**

Reduction in roof section 14 mm
Ondutile Low Line Fixing specification:

Ondutile low-line is fixed in accordance with the Ondutile fixing instructions set out in the existing Ondutile leaflet but with the following alterations. The nail fixing specification for the tile batten fixing and minimum sheet laying specification are as follows:

**Type A** fixing specification: (Ring shank) 65mm

**Type B** fixing specification: (Ring shank) 65mm

Note: If using plain galvanised nails use 75mm.

The Ondutile low-line base sheets are laid with a double corrugation side lap and 200mm end lap. Start alternative courses with a half sheet to offset sheet laps. A sheet under normal conditions will provide an effective coverage of 1.38 m².

BBA Certification:

Please note the existing BBA Ondutile certification does not yet cover the Ondutile low-line system development. We are actively working to fully incorporate Ondutile low line into the BBA certification in the near future.

OnduLine Mini 18 dimensions:

(Nominal)

- **length**: 2,000mm
- **width**: 866mm
- **cover width**: 768mm
- **thickness**: 2.6mm
- **coverage of sheet**: 1.38m²
- **number of corrugations**: 18
- **corrugation width**: 48mm
- **corrugation height**: 24mm
- **weight of material**: 3.37kg/m²
- **weight per sheet**: 5.83kg
- **Thermal resistance R value**: 0.04mK/W
- **Thermal conductivity**: 0.066W/mK

Ondutile Low-line System ventilation:

Ondutile forms a cold roof section and requires ventilation above and below the Onduline sheet. If decking is used, slots in the decking can be formed at high and low levels to utilise the sheet corrugations to form ventilation channels which contribute 10,000mm² per linear metre ventilation to the ventilation provision. The full ventilation requirement is set out in the main Ondutile leaflet in accordance with B.S. 5250 ‘Control of Condensation in Buildings’ and Approved Document Part F1 ‘Means of ventilation’

The Ondutile system lowers your roof pitch – not your expectations!
Onduline Quality Roofing Range

ONDUVILLA TILES
The Onduvilla tile strips are produced with a unique three tone colour finish, this recreates the warm natural colours that are normally only associated with expensive and heavy clay roof finishes. The Onduvilla tile system also features an attractive ‘bold roll’ tile profile creating an appealing roof covering finish to your garden buildings. Onduvilla is produced in an easy to handle and fix tile strip format, it makes the ideal DIY choice for a wide range of timber frame buildings.

ONDULINE PLASTICS
The Onduclair® range of PVC, Polycarbonate and GRP quality roofing sheets provide the durable and good looking solution to all your roof illumination requirements.

BARDOLINE TILE SHINGLES
The Bardoline bituminous shingle tile strips are one of the leading lightweight roofing systems available. The Bardoline shingles create an attractive traditional tile profile roof finish they are available in a wide range of natural granular finish colours and are easy to fix and handle. These qualities allow designers to create exciting and original roofing configurations on a wide range of projects from housing to commercial developments.

GENERAL INFORMATION
Conditions Of Use
Although the colouring process in the manufacture of the Onduline Classic sheet is long lasting, as with similar natural roofing materials it is subject to the effects of weathering over its period of service. The colour can also differ between production batches.

www.onduline.co.uk
Onduline Building Products Ltd
Eardley House, 182-184 Campden Hill Road,
Kensington, London, W8 7AS
Tel: 020 7727 0533
Fax: 020 7792 1390
E-mail: enquiries@onduline.net