

## DONARD & PENROSE



The Donard and Penrose are traditional flat tiles offering the clean lines and smart finish of an interlocking slate pattern. These tiles have an approximately 26mm leading edge and have been tried and tested over many years to withstand the most extreme weather conditions throughout the UK and Ireland. A full range of maintenance free dry fix accessories is available and additional fixings have been designed for extremely exposed environments and steep and low pitched roofs.



### Available accessories for these tiles

- ✓ Standard Verge
- ✓ Dry Hip
- ✓ Finials
- ✓ Ornamental Ridge
- ✓ Dry Ridge
- ✓ Dry Verge
- ✓ Dry Valley
- ✓ Vent Tiles

Standard Ridge = Universal Angle

## TECHNICAL DATA

<b>Description</b>	T-EN490-IL-0-RF-297-/-/399-5.2
<b>Size of Tile</b>	419mm x 330mm
<b>Pallet Size</b>	1000 x 1065mm
<b>Pallet Weight</b>	1023kg (approximately)
<b>Tiles per Pallet</b>	192 tiles
<b>Minimum Pitch</b>	17.5° (100mm headlap) 22.5° (75mm headlap)
<b>Maximum Pitch</b>	54° (without special fixing) see fixing information, page 23
<b>Minimum Headlap</b>	75mm
<b>Maximum Gauge</b>	344mm
<b>Hanging Length</b>	399mm
<b>Nominal Cover Width</b>	297mm
<b>Tile Weight</b>	5.2kg
<b>Nail Hole Diameter</b>	5-8mm
<b>Nail Hole position</b>	40mm from top of tile
<b>Covering Capacity per m<sup>2</sup></b>	9.8 tiles @ 75mm headlap
<b>Weight of Tiling (approx.)</b>	51kg/m <sup>2</sup> @ 75mm headlap
<b>Battens Required (net)</b>	2.95Lm @ 75mm headlap
<b>Batten Size</b>	50mm x 25mm for rafters not exceeding 600mm centres
<b>Tile Nails</b>	50mm x 3.35mm
<b>Tile Clips</b>	Tile, Verge and Eave
<b>Eave</b>	Standard Tile
<b>Verge Bedded</b>	Purpose made Left and Right Hand Half Tiles, and Left Hand Full tiles, bedded over a soffit strip
<b>Verge Dry Fix</b>	Roo Verge Dry Verge System
<b>Ridge Bedded</b>	Universal Angle Ridge 0.455m long
<b>Ridge Dry Fix</b>	Roovent Dry Ridge System
<b>Hip Bedded</b>	Hip Angle Ridge 0.455m long
<b>Hip Dry Fix</b>	Roo Ridge Dry Hip System



Matt Black



Granite Grey



Basalt Grey



Turf Brown



Brick Red



Antique Red

**Minimum Fixing Guide:** All tiles should be fitted to BS5534 : 2014 where a minimum requirement specifies a minimum of all tiles nailed once. Depending on site exposure, location, height to ridge, height to eave rafter length roof pitch and proximity of roof to higher artificial features and aviation activity more onerous fixings may be required. Contact our technical team for advice or a wind loading fixing pattern.