

# BritSlate™ Duchess and BritSlate™ Countess



BritSlate Duchess Slate Grey

Technical data	BritSlate Duchess	BritSlate Countess
Minimum roof pitch*	20°	22.5°
Size of slate	610 x 305 mm	510 x 255 mm
Cover width	305 mm	255 mm
Profile depth	6 mm	6 mm
Weight per 1000	2.0 tonnes	1.3 tonnes
Weight per slate	2.0 kg	1.3 kg
Weight per crate (including pallet/package)	1.5 tonnes	1.4 tonnes
Quantity per crate	750	1000
Batten size – up to 600 mm rafter centres	50 x 25 mm	50 x 25 mm
Nail size/type for slates	38 x 2.75 mm clout head	

Note: Unless otherwise stated, data is based on tiles laid at minimum headlap.

\* Rafter length restrictions apply at minimum roof pitch.

Concealed BritSlate ventilators must not be used on roof pitches below 22.5°. Please contact Technical Support for further information 0870 145 2021.

The combination of such a high recycled slate waste content with a manufacturing process powered by green electricity makes BritSlate a more sustainable option than imported natural slate.

**Sandtoft** 



80% recycled  
UK slate



BritSlate Duchess Slate Grey

### Fittings and accessories

Slate fittings:	- Slate-and-a-half slates - Double slates - Eaves slates - Tops slates
Ridges:	- Duracoat legged angle - Concrete legged angle - Concrete angle
Mono ridges:	- Duracoat legged angle - Concrete legged angle - Concrete angle
Hips:	- Duracoat legged angle - Concrete legged angle - Concrete angle
Valleys:	- Lead - Fibreglass
Clips:	- Slate Hook

### Roofing systems

Dry roof systems:	- Ridge, Hip - Verge
Ventilation systems:	- Ridge - Eaves - Top abutment - Slate vent - Gas terminals

### Moderate exposure

Rafter pitch	20°	22.5°	25°	30°	35°	40°	45°	69°
Headlap (minimum)								
Duchess	130	115	90	75	75	65	65	-
Countess	-	115	90	75	75	65	65	65
Coverage (m <sup>2</sup> )								
Duchess	13.7	13.2	12.6	12.2	12.2	12.0	12.0	-
Countess	-	19.8	18.7	18.0	18.0	17.6	17.6	17.6
Batten gauge (mm)								
Duchess	240	247	260	267	267	272	272	-
Countess	-	197	210	217	217	222	222	222
Battens per m <sup>2</sup>								
Duchess (m)	4.16	4.05	3.84	3.74	3.68	3.68	-	-
Countess (m)	-	5.08	4.76	4.61	4.65	4.5	4.5	4.5
Weight as laid (kg per m <sup>2</sup> )								
Duchess	27.4	26.4	25.2	24.4	24.4	24.0	24.0	-
Countess	-	25.7	24.3	23.4	23.4	22.9	22.9	22.9

### Severe exposure

Rafter pitch	20°	22.5°	25°	30°	35°	40°	45°	69°
Headlap (minimum)								
Duchess	-	130	120	110	90	80	75	-
Countess	-	-	115	100	90	75	75	75
Coverage (m <sup>2</sup> )								
Duchess	-	13.7	13.4	13.1	12.6	12.4	12.2	-
Countess	-	-	19.8	19.1	18.7	18.0	18.0	18.0
Batten gauge (mm)								
Duchess	-	240	245	250	260	265	267	-
Countess	-	-	197	205	210	217	217	217
Battens per m <sup>2</sup>								
Duchess (m)	-	4.16	4.08	4.00	3.84	3.77	3.74	-
Countess (m)	-	-	5.08	4.88	4.76	4.61	4.61	4.61
Weight as laid (kg per m <sup>2</sup> )								
Duchess	-	27.4	26.8	26.2	25.2	24.8	24.4	-
Countess	-	-	25.7	24.8	24.3	23.4	23.4	23.4

**Slate fixing:** slates must be securely fixed to resist wind uplift. Contact Technical Support for guidance on 0870 145 2021.

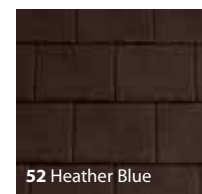
### Colours



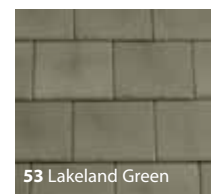
50 Slate Black



51 Slate Grey



52 Heather Blue



53 Lakeland Green

**Enquiries:** Contact Customer Support on 0870 145 2020 or visit our website at [www.sandtoft.com](http://www.sandtoft.com)



BritSlate Certificate  
No. 97/3351