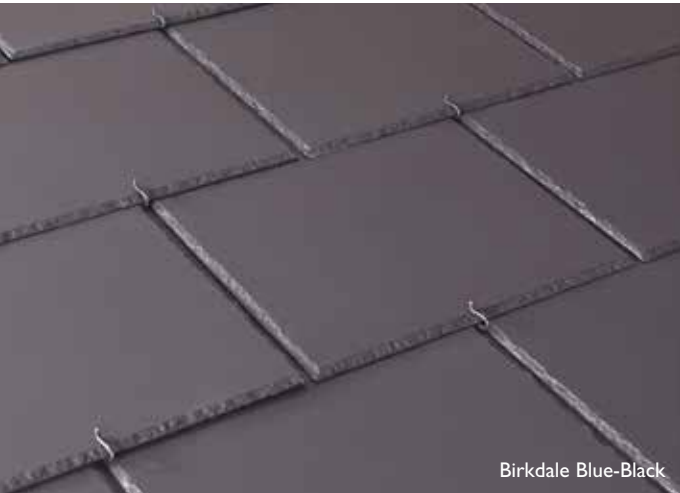# BIRKDALE
FIBRE CEMENT SLATES

Cedral Birkdale slates combine a smooth surface with a dressed edge. Perfect in both wild spaces or urban places, this slate is perfect for both traditional and modern builds. We pack more cement and fibres into our slates ensuring they are the strongest and most durable for our customers.

Birkdale Blue-Black

Technical data*

Size of slate	600mm x 300mm
Minimum pitch**	
Moderate exposure	22.5° (100mm lap) 20° (110mm lap)
Severe exposure	25° (100mm lap) 22.5° (110mm lap)
Maximum pitch	90°
Typical laps	100, 110mm
Slate hooks	Hook fixed 100 - 150mm
Maximum gauge	245-250mm
Slate thickness	4mm
Covering capacity (net)	13.4 slates/m^2 at 100mm lap 13.6 slates/m^2 at 110mm lap 14.8 slates/m^2 at 150mm lap
Weight of slating (approx.)	20.4 kg/m^2 (0.20 kN/m^2) at 100mm lap 20.9 kg/m^2 (0.20 kN/m^2) at 110mm lap 22.8kg/m^2 (0.20 kN/m^2) at 150mm lap
Battens required (net)	4.00 lin.m/m^2 at 100mm lap 4.08 lin.m/m^2 at 110mm lap 4.45 lin.m/m^2 at 150mm lap
Batten size recommended (fixed to BS 5534)	50 x 25mm for rafters/supports not exceeding 600mm centres
Fixings	Slate nails (30 x 2.65mm) Copper disc rivets (19mm dia. x 2mm stem)
Fittings screws	14 gauge self sealing
Slate hooks***	Length equal to lap
Authority	BS EN 492

* Cedral fibre cement slates meet the strength requirement of BS EN 492, achieving an average bending movement greater than 50 NM/M (Class B). The slates also have a minimum density of 1700kg/m^3 and a nominal thickness of 4mm

** The minimum recommended pitch and lap may be influenced by special circumstances, please contact the Technical Advisory Team for further information

*** When using slate hooks, the perimeters/local areas (as defined by BS 5534) will require nails and rivets

Sustainability

Green guide rating	A+ (Element ref: 812410008)
BES 6001	Very good – can achieve 3 credits
Credit uplift available with EPD	
Embodied carbon	Low carbon footprint of 16 CO$_2$e/m^2

The printing process restricts the exact representation of colours. For true colour reference, please request product samples.

✓ Smooth surface

✓ Dressed edges

✓ Traditional appearance