

# DATASHEET

## CAITHNESS FLAGSTONE

**SILTSTONE**

**BSEN 1341:2012 Natural Stone Slabs**

**STONE TYPE:**

Siltstone

**QUARRY LOCATION:**

Spittal Quarry, Caithness

**QUARRY RECORDS DATE FROM:**

1991

A beautiful Caithness Calcareous Siltstone, which has been used worldwide for all scale of projects – from major prestigious city centre developments to residential developments and private homes.

The stone has been extracted from Achscrabster Quarry, Caithness for many years. The striking colour of Caithness Flagstone features a dark blue, black and grey variation, adding depth and interest to both traditional and contemporary building designs.

Due to the variation of this natural stone, Caithness Flagstone colour range specification can include up to 5-10% brown/bronze stone.



### PHYSICAL PERFORMANCE OF CAITHNESS FLAGSTONE LTD

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<b>GEOLOGICAL TYPE</b>	Calcareous Siltstone	
<b>COLOUR/TEXTURE</b>	Extremely strong dark grey – very to extremely fine grain	
<b>MAXIMUM SIZE</b>	Please consult	
<b>ACID IMMERSION</b>	Slight Delamination, slight lightening of colour	BSEN 1936: 2006
<b>SLIP RESISTANCE</b>	44.1µm R <sub>z</sub> 66	BSEN 1936: 2006
<b>WATER ABSORPTION</b>	0.2% (by wt)	BSEN 13755:2008
<b>FLEXURAL STRENGTH</b>	32.8 MPa	BSEN 13161: 2008
<b>FROST RESISTANCE</b>	12.7 MPa	BSEN 12371: 2001
<b>COMPRESSIVE STRENGTH</b>	154 MPa	BSEN 1926: 2006
	117 MPa	BSEN 772-1: 2000
<b>ABRASION RESISTANCE</b>	25mm	BSEN 1341: 2013

**NOTE:** This data should only be used as an indication of the future performance of the stone.

Information on stone sampling along with the latest test results can be found on [www.caithnessstone.co.uk](http://www.caithnessstone.co.uk)

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