

Caithness Flagstone
ROOFING



Castle of Mey

Durability and Style

Rustic renovation project or contemporary new build design, all benefit from choosing **Caithness flagstone roofing**.

Its natural durability and beautiful colour range ensures that your building looks stunning and is protected from the elements for years to come.

With orders made to clients' specific design requirements and using the optimum stone from our own quarries, Norse Stone will produce the perfect natural roofing material.



Features & Benefits

Low Carbon Footprint - From extracting the stone to hand finishing the end product, all processes are handled on site.

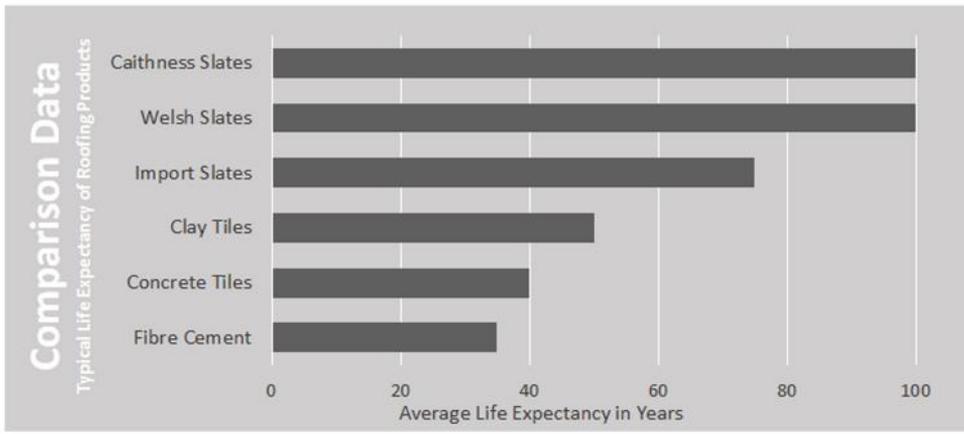
High Performance - Renowned worldwide for its natural durability properties.

Wide Range of Uses - High flexural and compressive strength.

Versatile Appearance - Available in a variety of colours from very dark grey to brown.

Technical Data Summary of Typical Values

Density	2650 (kg/m ³)	BSEN 1936: 2006
Slip Resistance	96.0 (dry)	BSEN 14231:2003
	69.0 (wet)	BSEN 14231:2003
Flexural Strength	35 Mpa	BSEN 12372:2006
Compressive Strength	209 Mpa	BSEN 1926: 2006
Water Absorption	0.20%	BSEN 13755:2008



Sources: LBS Products & SSQ Group

Outperforming almost all other roofing materials in terms of durability, Caithness flagstone is made to last. Norse Stone's quarries, Lieurary and Banniskirk, produce the perfect stone to be used as roof slates with each one providing a different colour range from greys, browns, and blues. Perfect for a variety of projects including private residential buildings, large scale commercial design, new build projects as well as the renovation and restoration of traditional and historic buildings.



At Norse Stone we have years of experience in working with architects, builders and homeowners on both commercial and residential projects. We would be more than happy to advise at even the earliest stages of a project to ensure each client receives high quality natural stone which meets the demands of their specific project.

Slate Size mm	Head Lap mm																
	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120	130	150
600 x 300	11.9	12.0	12.1	12.3	12.4	12.5	12.6	12.7	12.9	13.0	13.1	13.2	13.4	13.5	13.7	14.0	14.6
500 x 300	14.6	14.7	14.9	15.1	15.2	15.4	15.6	15.8	16.0	16.2	16.4	16.6	16.8	17.0	17.3	17.7	18.7
500 x 250	17.4	17.6	17.8	18.0	18.2	18.5	18.7	18.9	19.1	19.4	19.6	19.9	20.1	20.4	20.6	21.2	22.4
450 x 300	16.4	16.6	16.8	17.0	17.3	17.5	17.7	18.0	18.2	18.5	18.7	19.0	19.3	19.6	19.7	20.5	21.9
450 x 250	19.6	19.9	20.1	20.4	20.6	20.9	21.2	21.5	21.8	22.1	22.4	22.7	23.1	23.4	23.8	24.5	26.1
400 x 300	18.7	19.0	19.3	19.6	19.9	20.2	20.5	20.8	21.2	21.5	21.9	22.2	22.6	23.0	23.4	24.3	-
400 x 250	22.4	22.7	23.1	23.4	23.8	24.1	24.5	24.9	25.3	25.7	26.1	26.6	27.0	27.5	28.0	29.0	-
350 x 300	21.9	22.2	22.6	23.0	23.4	23.8	24.3	24.7	25.2	25.7	26.2	26.8	27.3	-	-	-	-
350 x 250	26.1	26.6	27.0	27.5	28.0	28.5	29.0	29.6	30.2	30.8	31.4	32.0	32.7	-	-	-	-
350 x 200	32.5	33.1	33.6	34.2	34.8	35.5	36.1	36.8	37.5	38.3	39.0	39.8	40.7	-	-	-	-
300 x 300	26.2	26.8	27.3	27.9	28.5	29.1	29.8	30.5	31.2	32.0	32.8	-	-	-	-	-	-
300 x 250	31.4	32.0	32.7	33.4	34.1	34.9	35.7	36.5	37.3	38.3	39.2	-	-	-	-	-	-
300 x 200	39.0	39.8	40.7	41.5	42.4	43.4	44.3	45.4	46.5	47.6	48.8	-	-	-	-	-	-

The above table gives a selection of example sizes, other sizes are available. Values calculated using nominal sizes and incorporating a 5mm joint gap as per BS800: Part 6. We recommend the addition of at least 5% wastage allowance.





The Caithness Flagstone Specialists

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