



Rustic renovation project or contemporary new build designs, 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. 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.



Norse Greys



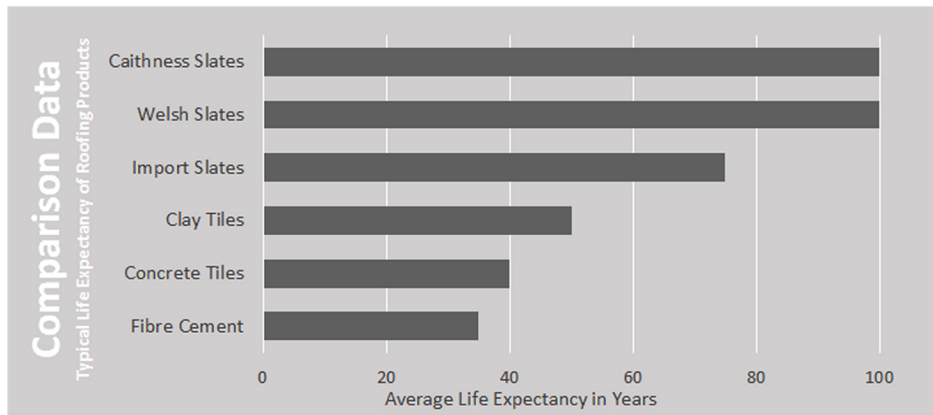
Norse Mixed

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.



Outperforming almost all other alternative roofing materials in terms of durability, Caithness flagstone roofing is made to last.

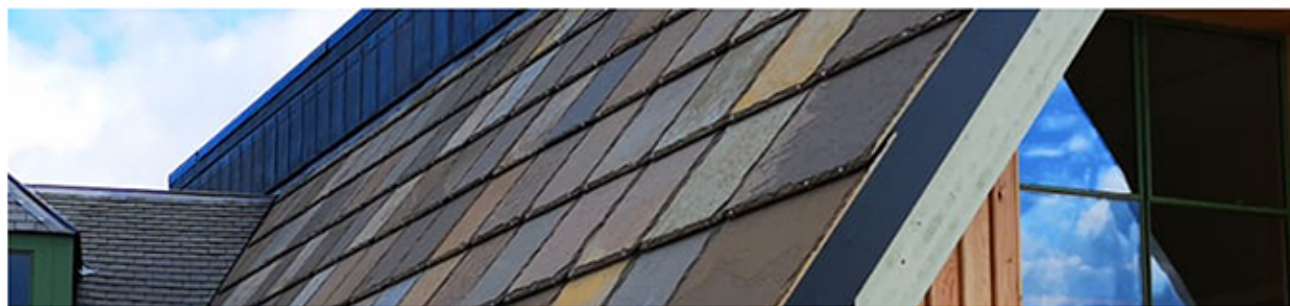
Technical Data Summary of Typical Values	Petrographic Results	Calcareous Siltstone	EN 12407:2007
	Density	2650 (kg/m ³)	BSEN 1936: 2006
	Porosity	0.40%	BSEN 1936:2006
	Flexural Strength	35 Mpa	BSEN 12372:2006
	Flexural Strength (freeze thaw)	32.7 Mpa	BSEN 12372:2006
	Compressive Strength	209 Mpa	BSEN 1926: 2006
	Abrasion Resistance	22.5mm	EN 14157: 2004
	Water Absorption	0.20%	BSEN 13755:2008



Perfect for a variety of projects from private residential to large scale commercial, new build projects as well as the renovation and restoration of traditional and historic buildings.

Roof Slate Coverage Summary of Typical Coverage By Number per M ²	Slate Size	Head Lap mm																	
	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 information contained herein is to the best of our knowledge true and accurate and is given in good faith but without warranty. As part of our continual improvement process, Norse Stone Ltd reserve the right to change the properties listed on this data sheet without any prior notice.



Whilst every effort has been made to ensure that your Caithness flagstone roofing tiles are of the highest quality, it will look better and last longer if a few simple maintenance procedures are adopted.

Usage

Caithness flagstone roofing tiles are intended to be used for the structural purpose of which it has been designed for by the projects architects and engineers. Any abnormal load may result in damage to the roof tiles.

Routine Maintenance

Carrying out annual visual inspections of your Caithness flagstone roof can ensure any minor issues are resolved so they don't become more serious. The optimal time to do this is towards the end of summer and start of autumn before the weather deteriorates for winter. Care should be taken to ensure foot traffic on the roof is kept to a minimum, it is best to use a ladder which is appropriately secured.

Removal of vegetation or debris such as moss, leaves and ivy from Caithness flagstone roof tiles, prevents moisture build up, accelerated deterioration as well as dislodging or movement of the stone tiles.

If any issues are detected, it is important to seek advice from a roofing contractor who has experience with stone roofing tiles and can show you examples of their work.

