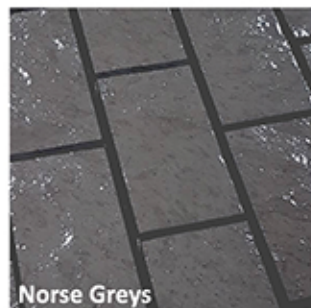


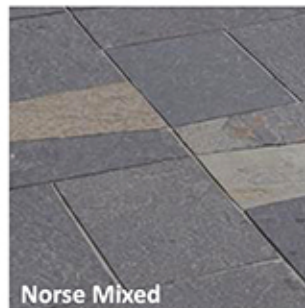


Edinburgh, London, Sydney and New York have one thing in common, they all use **Caithness flagstone paving**.

Sourced and manufactured from our own quarries in Caithness, this stunning paving's versatility and natural durability ensures it lasts for years to come. Available in our Lieurary Greys, Banniskirk Colours and Mixed Colours, our paving is produced to client's requirements ensuring the paving fits the needs of the project and complements its surroundings.



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.

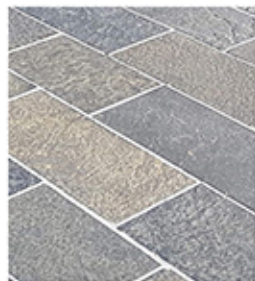
Versatile Appearance - Available in a variety of colours from very dark grey to buff.



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
Slip Resistance	96.0 (dry)	BSEN 14231:2003
	69.0 (wet)	BSEN 14231:2003
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



As one of the most durable paving materials available, Caithness flagstone is suitable for high volume pedestrian areas, town centres and precincts. It is also popular for residential projects including patios and paths. Used in projects worldwide, clients can be assured of high quality natural stone.

Product Usage

Summary of Typical Paving Uses

Paving Size (mm)	Thickness (mm)	Typical Use (BSEN 1341:2012)	Recommended Users
400 x 600	40	Pedestrian areas, occasional use by delivery and emergency vehicles (Class 4)	
600 x 900	50	Pedestrian areas often used by heavy lorries (Class 5)	
750 x 900	70	Roads and streets, petrol stations (Class 6)	

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 paving is of the highest quality, it will look better and last longer if a few simple maintenance procedures are adopted.

Usage

Caithness flagstone paving is intended to be used by the pedestrian and vehicular traffic of which it has been designed for. Any abnormal traffic may result in the requirement of additional protection.

Routine Maintenance

Avoid excessive amounts of soil being left on the paving surfaces as this can result in weed growth and cause porosity damage. If this occurs, use a stiff broom to sweep the surface clean and hose down with clean water.

To reduce the likelihood of algae, it is recommended that paved areas are laid to direct surface water into available drainage channels. Areas that are laid flat may retain some moisture and stimulate algae growth. Regular traffic will often disperse this however low traffic areas may require additional cleaning practises in their routine maintenance.

Paving surfaces can be washed using pressure washer equipment to remove dirt, weeds, algae etc. providing care is taken not to use excessive pressure. For more extensive washing, contact a specialist cleaning contractor.

Efflorescence

Efflorescence can occur with natural stone products when salt from cement based bedding rises up through the paving and onto the surface. This is a temporary issue that usually lasts no longer than 12-18 months and will dissipate through use and natural weathering.

