



Britannicus Stone



Swaledale Fossil

This Crinoidal limestone is a true rock of ages - over 350 million years old. Its story dramatically reflected by the stunning and large fossils that emerge as a result of the polishing process. It was quarried in North Yorkshire and used in Durham Cathedral (13th century) and as pavements for York Minster (15th century).



Britannicus Stone projects using Swaledale Fossil

Private residence, London

Post tension staircase and outdoor garden using Swaledale Fossil

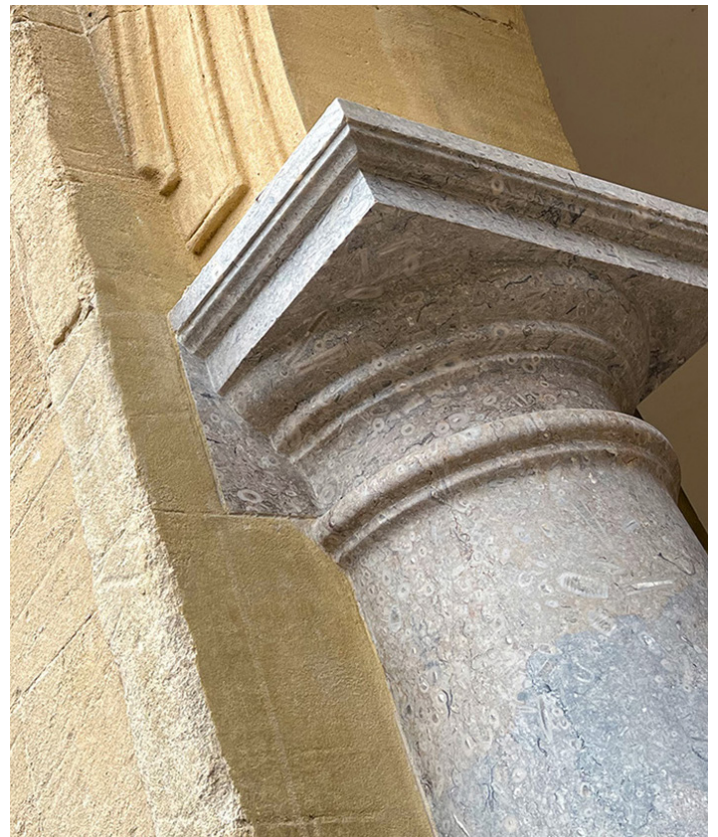


Britannicus Stone projects using Swaledale Fossil



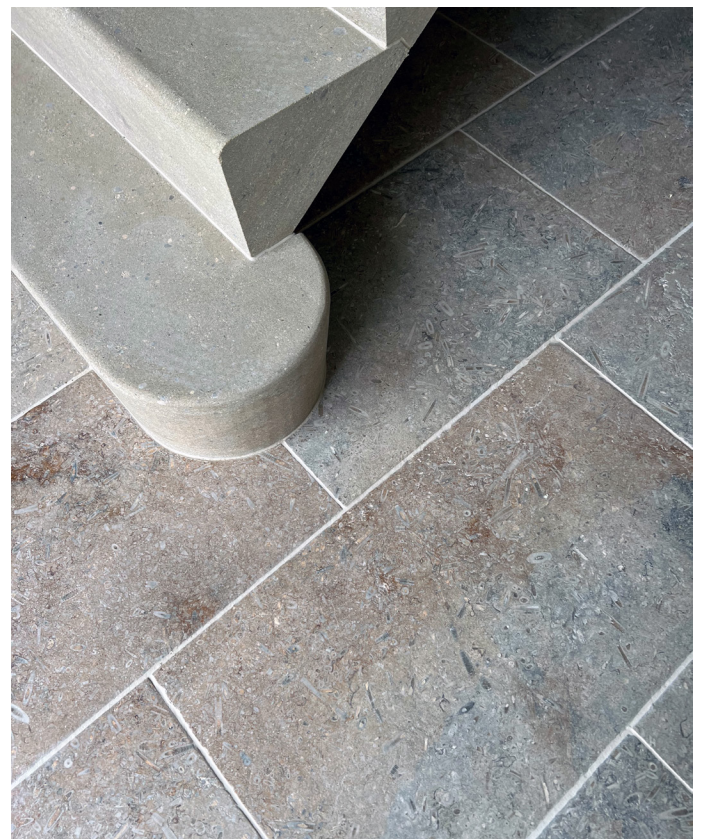
Britannicus Stone projects using Swaledale Fossil

St John's College, Oxford
Load bearing columns in Swaledale Fossil



Britannicus Stone projects using Swaledale Fossil

Private residence, Yorkshire
Flooring and fire surround.



Swaledale Fossil

Slab Dimensions:

As Britannicus Stone have a lease on the quarry this allows us to quarry to most dimensions of block. Occasionally to as big as 4m in length. Which enables us to process slabs up to 3300mm.

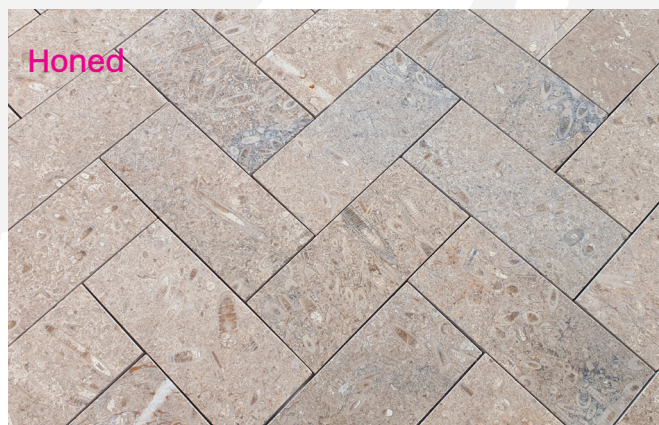
Tile sizes available:



Up to 600mm x 600mm

Finishes:

Finishes include; Polished. Honed. Sawn. Even textured. Sandblasted. Tumbled. Flamed. Brushed. Bush-Hammered.



Swaledale Fossil

Specification:

Further more detailed specifications can be supplied on request.

Certificate Number 3778-2037 Page 1 of 1

Certificate of Testing & Analysis
Determination of Slip Resistance of Natural Stone
 BS EN 14231 - 2003

Client and Sample Details	
Client	Britannicus Stone Limited, The Cranewell, Gas Works, 2 Michael Road, London, SW9 2AD
IBIS Ref. No	2037-BI
Sample No	B-Triomed
Source	Swaledale Limestone
Sample Details	400mm by 200mm sample with a HONED finish
Sampled by	Client
Date Sampled	Not advised
Tested by	P8-TTRL
Date Tested	22.02.12

Methods of Testing and Analysis

Method
 BS EN 14231-2003. Natural stone test methods - Determination of the slip resistance by means of the pendulum tester. Supplemented by Methods for the determination of slip resistance. Guidelines of the UK Slip Resistance Group, Issue 4, 2011.


Comments
 Six determinations were carried out at a temperature of 18°C using a TRL pendulum tester.

Accreditation
 The test was carried out by a newly established laboratory presently seeking UKAS accreditation.

Results	
TRL Slip Resistance Value, Dry	48 (S1, 46, 47)
TRL Slip Resistance Value, Wet	5 (E, 6, 6)
Potential for Slip	Dry: Low (S5 to S5) Wet: High (X2S)

Remarks
 In accordance with current guidance from the UK Health and Safety Executive, slip resistance values of 35 or more represent a low potential for slip. On the basis of the determined slip resistance, it would appear that stone represented by the submitted sample exhibits a safe slip resistance in the dry if used for pedestrian surfacing material. This does not take into account the effects of potential polishing in service or the application or safety of various media that may directly affect the slip potential.

Issue Date: 07.03.12


 Barry J Hunt
 Director, IBIS Limited

Regulated by RICS

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BRE Test Report

Flexural Strength Testing of Swaledale Limestone

Prepared for: Alan McConnell
 Date: 19th December 2010
 Report Number: P116642 - 1000 Issue: 1

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SANDBERG

REPORT E9642/G/4

TESTING OF
SWALEDALE FOSSIL LIMESTONE
ST JOHN'S COLLEGE (CLOISTERS), OXFORD

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Britannicus Stone
 London

Dear Simon

Further to our telephone conversation, the stone is required for the replacement of the columns in the Canterbury Quadrangle of St. John's College Oxford, which were built between 1631 and 1636. They were produced from slabs of Jurassic Forest Marble from a quarry at Blitchington, about seven miles north of Oxford. Five of the columns were replaced in 1905 with new ones carved from monolithic Portland stone.



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Swaledale Fossil



**Britannicus
Stone**

Sustainability:

We take our responsibility to be as environmentally sustainable as possible very seriously and even though Stone is already ahead of almost all building materials in its green credentials, this doesn't mean we shouldn't try to continue to innovate and drive the environmental costs of using stone ever downwards. Our message is clear: *British stone is environmentally the right choice and will continue to be so.*

The Stone Federation of Britain

As a responsible stone company, we have strengthened our relationship with the British Stone Federation and fully support the Stone Federation Sustainability Statement.



The Stone Federation is passionate about the natural stone industry playing its part in delivering a more carbon and environmentally responsible built environment and ensuring an ethical and responsible supply chain.

As part of this we have signed up to the revised version of the Sustainability Statement which all members are asked to sign up to. Stone Federation members are encouraged to:

Act - Be proactive in implementing sustainability, ethical sourcing, environmental and carbon reduction policies within their business.

Measure - Measure their carbon, environmental and supply chain impact including business operations, material extraction and production.

Disclose - Be transparent about their carbon, environmental and supply chain impact and the ways in which they are working to reduce this and ensure that the information is accessible to clients.

Target - Be specific in targeting areas where they can reduce the carbon and environmental impacts of their business. These target areas should be at least in line with the Government's own Net Zero Carbon targets for the construction industry (78% reduction in emissions by 2038, 100% reduction in emissions by 2050).

Adjust - Continue to measure and assess their progress against their carbon, environmental and supply chain goals and adjust practices where necessary.



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