

Declaration of Performance

No: IN-XM-CP-5627-24138 - Ice and IN-XM-CP-5612-19046 - Solstice

- 1. Unique identification of the product type:** Polar Granite Paving - Ice, Solstice
- 2. Type No:** Internal & external wall, flooring and stairs of the product in point 1 above.
- 3. Intended use of the construction product,** in accordance with EN 1341:2012 & EN 1343:2012
Natural Stone slabs and kerbs for external pedestrian and/or vehicular circulation areas.
- 4. Name and address of the manufacturer:** Global Stone (Colchester) Ltd,
Tey Gardens, Church Lane, Little Tey, Colchester CO6 1HX
- 5. System of assessment and verification of constancy of performance:** System 4.
- 6. Harmonised standard reference:**
Test required: EN 12057:2015 Natural stone products - Modular tiles - Requirements
EN 12058:2015 Natural stone products - Slabs for floors and stairs - Requirements
EN 1469:2015 Natural stone products - Slabs for cladding - Requirements EN 1341:2012 Slabs
of natural stone for external paving - Requirements and test methods
EN 1342:2012 Setts of natural stone for external paving - Requirements and test methods
EN 1343:2012 Kerbs of natural stone for external paving - Requirements and test methods
- 7. Declared Performances:** XMIN190501112CCM - 26 June 2019 - Dark Grey/Solstice

Test items	Test methods	Test results
Apparent density	EN 1936:2006	2880 kg/m ³
Open porosity	EN 1936:2006	0.55 %
Water absorption	EN 13755:2008	0.16 %
Flexural strength in natural condition	EN 12372:2006	16.3 MPa
Flexural strength after 56 cycles freeze/thaw	"EN 12371:2010 EN 12372:2006"	18.2 MPa
Abrasion resistance (sawn)	EN 14157:2017 method A	21.2 mm
Slip resistance (sawn)	CEN/TS 16165:2012 Annex C EN 14231:2003	"SRV "dry": 84 SRV "wet": 71"
Compressive strength in natural condition	EN 1926:2006	197 MPa
Compressive strength after 56 cycles freeze/thaw	"EN 12371:2010 EN 1926:2006"	190 MPa
Breaking load at dowel hole	EN 13364:2001	1910 N
Petrographic description	EN 12407:2007	Norite-gabbro/Grey

7. Declared Performances: XMIN2408001526CM02_EN - 23 September 2024 - Silver Grey/Ice

Test items	Test methods	Test results
Apparent density	EN 1936:2006	2630 kg/m ³
Open porosity	EN 1936:2006	0.79 %
Water absorption	EN 13755:2008	0.26 %
Flexural strength in natural condition	EN 12372:2006	11.9 MPa
Flexural strength after 56 cycles freeze/thaw	"EN 12371:2010 EN 12372:2006"	12.6 MPa
Abrasion resistance (sawn)	EN 14157:2017 method A	16.4 mm
Slip resistance (sawn)	CEN/TS 16165:2012 Annex C EN 14231:2003	"SRV "dry": 64 SRV "wet": 48"
Compressive strength in natural condition	EN 1926:2006	180 MPa
Compressive strength after 56 cycles freeze/thaw	"EN 12371:2010 EN 1926:2006"	186 MPa
Breaking load at dowel hole	EN 13364:2001	1720 N
Petrographic description	EN 12407:2007	Coarse medium grained biotite monzonite granite

8. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:



**Nick Sharpe - Managing Director,
Global Stone (Colchester) Ltd**

GLOBAL STONE
LANDSCAPING SUPPLIES

Global Stone (Colchester) Ltd trades through its own name and through the name Digby Stone, which is a trading name of Global Stone (Colchester) Ltd.

Company Registration No. 4624375 | VAT Registration Number 805 2730 53
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