

Petrology Stone 1

Porcelain Stone



Floor: DYPV 01 Natural

3 Colours / 2 Finishes / 5 Sizes / 2 Mosaics

Petrology Stone 1 replicates the finest high-grade quartzite with superior detail and characteristics. The soft grey colour options in both a natural and structured finish make this suitable for residential and commercial environments, including those requiring stringent levels of anti-slip.



Floor: DYPV 02 Natural



DYPV 01

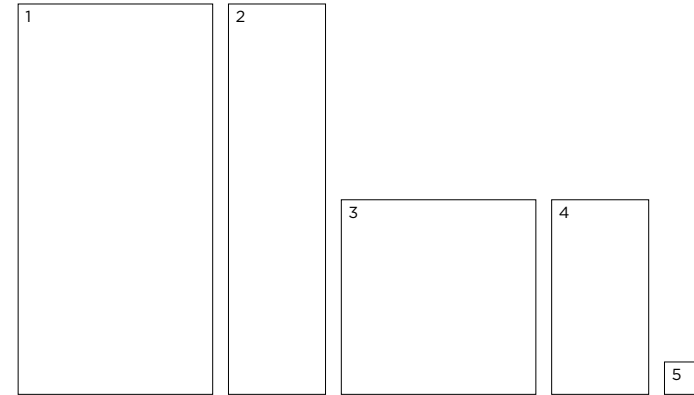


DYPV 02



DYPV 03

Sizes



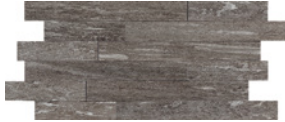
	Size (mm)	Thickness	Finish	Colour Availability
1	1198 x 598 (R)	10	Natural	All colours
2	1198 x 298 (R)	10	Natural	All colours
3	598 x 598 (R)	10	Natural	All colours
4	598 x 298 (R)	10	Natural Structured	All colours All colours
5	98.5 x 98.5 (R)	8	Natural	DYPV 01 & 02

(R) Rectified size – square edge with bevel. Mosaics shown on next page.
Swatch colours may vary from original. Samples should be requested.

Brick Mosaic



DYPV 01



DYPV 02

Listello Mosaic



DYPV 01



DYPV 02

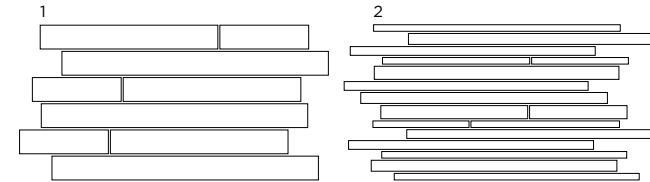


DYPV 03



Wall: DYPV 02 Brick Mosaic Natural

Mosaics & Special Pieces



	Size (mm)	Thickness	Finish	Colour Availability
1	Brick Mosaic on 598 x 298 sheet	10	Natural	DYPV 01 & 02
2	Listello Mosaic on 598 x 298 sheet	10.5	Structured	All colours
	Skirting 598 x 70 (R)	10	Natural	All colours
	Step Tread 598 x 298 (R)	10	Natural	All colours
	Elemento A Elle 600 x 150	40	Natural	All colours

(R) Rectified size – square edge with bevel. Swatch colours may vary from original. Samples should be requested.

V3 - High
Shade Variation

DOMUS

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Petrology Stone 1

Technical Data

Product Type: Unglazed Porcelain (BS EN 14411 – Group Bla) – all sizes
& Glazed Porcelain (BS EN 14411 – Group Bla) – 98.5x98.5x8mm DYPV 01 & 02 only

Use: Floors & Walls

Product Code: DYPV

DIMENSION & SURFACE QUALITY

Technical Characteristics	Industry Standards	Requirement (for nominal size N)		Actual Value
		70mm ≤ N < 150mm	N ≥ 150mm	
Length & width	BS EN ISO 10545-2	± 0.9mm	± 0.60% (max. ± 2.0mm)	Conforms
Thickness	BS EN ISO 10545-2	± 0.5mm	± 5% (max. ± 0.5mm)	Conforms
Edge straightness	BS EN ISO 10545-2	± 0.75mm	± 0.50% (max. ± 1.5mm)	Conforms
Orthogonality (squareness)	BS EN ISO 10545-2	± 0.75mm	± 0.50% (max. ± 2.0mm)	Conforms
Planarity (flatness)	BS EN ISO 10545-2	± 0.75mm	± 0.50% (max. ± 2.0mm)	Conforms
Appearance	BS EN ISO 10545-2	> 95%		Conforms

SLIP RESISTANCE

Technical Characteristics	Industry Standards	Requirement	Finish
Areas with footwear	BS EN ISO 10545-17 (DIN 51130)	R10 from 10° to 19° R11 from 19° to 27°	Natural Structured
Areas with bare feet	DIN 51097	B over 18° to 24°	Structured
Slip resistance Coefficient of friction	BS 7976-2 BS EN 16165	Test results upon request	

PRODUCT QUALITY & DURABILITY

Technical Characteristics	Industry Standards	Requirement	Actual Value
Water absorption	BS EN ISO 10545-3	≤ 0.5%	Conforms
Modulus of rupture (bending strength)	BS EN ISO 10545-4	≥ 35 N/mm ²	Conforms
Breaking strength	BS EN ISO 10545-4	≥ 7.5mm ≥ 1300 N	Conforms
Resistance to deep abrasion (unglazed tiles)	BS EN ISO 10545-6	≤ 175 mm ³	120-150 mm ³ (typical value)
Resistance to surface abrasion (glazed tiles)	BS EN ISO 10545-7	Internal method *see classifications below	Class H – 98.5x98.5x8mm (DYPV 01 & 02)
Linear thermal expansion coefficient	BS EN ISO 10545-8	Declared value	≤ 9x10 ⁻⁶ /°C (typical value)
Thermal shock resistance	BS EN ISO 10545-9	No visible defects	Resistant
Frost resistance	BS EN ISO 10545-12	No surface alteration	Resistant
Chemical resistance: Low concentrations of acids & alkalis	BS EN ISO 10545-13	No visible defects	ULA GLA – 98.5x98.5x8mm (DYPV 01 & 02)
High concentrations of acids & alkalis	BS EN ISO 10545-13	No visible defects	UHA GHA – 98.5x98.5x8mm (DYPV 01 & 02)
Domestic chemicals & additives for swimming pools	BS EN ISO 10545-13	UB/GB min.	UA GA 98.5x98.5x8mm (DYPV 01 & 02)
Stain resistance	BS EN ISO 10545-14	Min. Class 3 – glazed Declared value - unglazed	Class 5 - 98.5x98.5x8mm (DYPV 01 & 02) Class 5
Reaction to fire	Based on the decision 96/603/EC and its changes	A1 _{FL} /A1	A1 _{FL} /A1
Recycled content			40%

* Surface abrasion classifications

Class H - Tiles suitable for situations of relatively hard abrasion in environments without protection against scratching, both public and private.

