
















TECHNICAL DATA SHEET

EVP-002

DURASTONE PORCELAIN RANGE

(UGL-Group BI_a)

Physical-Chemical Properties	Standards	Value (averages)	Applies to
Water Absorption 	ISO 10545-3 ASTM C373	0.07% 0.08%	All Surfaces
Determination of Dimensions 	ISO 10545-2	Length max 0.1% Thickness max 3.0% Straightness of Sides max 0.0% Rectangularity max 0.3% Centre Curvature max 0.2% Edge Curvature max 0.1% Warpage max 0.2%	All Surfaces (over 10 x nom 600x300 tiles)
Breaking Strength 	ISO 10545-4 / ASTM C648	2515N / 573 lbf 2057N / 466 lbf	All Surfaces except Stream Stream
Modulus of Rupture 	ISO 10545-4	44.2N/mm ² 41.2N/mm ²	All Surfaces except Stream Stream
Abrasion Resistance 	ISO 10545-6	140mm ³	All Surfaces
Linear Thermal Expansion 	ISO 10545-8	6.55(10 ⁻⁶ /C°)	All Surfaces
Thermal Shock Resistance 	ISO 10545-9 / ASTM C484	No Damage	All Surfaces
Slip Resistance I (Oil Wet Ramp Test) 	AS/NZ 4586-2004	15.7° - R10 6.1° - R9 13.5° - R10 23.7° - R11 19.1° - R11 27.1° - R12	Relief Honed Matt Brushed Rockface Stream
Slip Resistance II (Wet Pendulum Test) 	AS/NZ4586-2013	Wet: 36 - P3 Wet: 25 - P2 Wet: 42 - P3 Wet: 47 - P4 Wet: 41 - P3 Wet: 47 - P4	Relief Honed Matt Brushed Rockface Stream
Slip Resistance III (Dynamic Coefficient of Friction) 	DCOF (ANSI A 137.1-2012)	Wet: 0.61 Wet: 0.45 Wet: 0.61 Wet: 0.67 Wet: 0.49 Wet: 0.65	Relief Honed Matt Brushed Rockface Stream
Chemical Resistance 	ISO 10545-13/ASTM C650	Passed	Relief, Matt, Brushed Rockface, Stream (All Test Chemicals) Super Polished, Honed (Household and Pool Chemicals)
Stain Resistance 	ISO 10545-14/ASTM C1378	Passed	All Surfaces
Frost Resistance 	ISO 10545-12	No Damage	All Surfaces
Mohs Hardness 	BS 6431-13/EN101	Value 7	All Surfaces
Shade Variation 	ANSI A 137.1-2012	Within V2	All Surfaces

Note: Test results are for reference only and product result may vary from one batch to another and from colour to colour. For strict application requirements, we recommend to have product retested for compliance.

Packing

Series	Format	m ² /Box	Qty/Box	Kg/Box	Boxes/Pallet
Polished & Honed	300x300	0.90m ²	10 tiles	18.9Kg	66 boxes
Polished & Honed	300x600	1.08m ²	6 tiles	22.68Kg	56 boxes
Polished & Honed	600x600	1.44m ²	4 tiles	30.24Kg	36 boxes
Matt/Brushed/Rockface/Stream	300x300	0.90m ²	10 tiles	21.5Kg	66 boxes
Matt/Brushed/Rockface/Stream	300x600	1.08m ²	6 tiles	25.7Kg	48 boxes
Matt/Brushed/Rockface/Stream	600x600	1.44m ²	4 tiles	34.3Kg	36 boxes
Polished/Matt/Brushed/Rockface/Stream	600x150	1.08m ²	12 tiles	22.1Kg	64 boxes
Polished/Matt/Polished	900x600				
Polished/Matt/Polished	900x300				