Claybrook.

SEA CLIFF

Technical Data Sheet	
Range	Sea Cliff Lake Street
Material	Porcelain
Sizes	30x60 / 60x60
Finish	Matt
Thickness	9mm
Use: WALL/FLOOR	Wall and Floor

Technical Characteristics	Industry Standard	Requirement	Actual Value
Dimension and Surface Quality			
Length and width	UNI EN ISO 10545-2	0.60%	0.30%
Thickness	UNI EN ISO 10545-2	+ or - 5%	+ or - 5%
Edge straightness	UNI EN ISO 10545-2	+ or - 50%	+ or - 0.3%
Orthogonity (squareness)	UNI EN ISO 10545-2	+ or - 50%	+ or - 0.3%
Planarity (flatness)	UNI EN ISO 10545-2	+ or - 50%	+ or - 0.4%
Appearance		> or - 95%	
Product Quality and Durability			
Water absorption	UNI EN ISO 10545-3	< or - 0.5%	< or - 0.1%
Modulus of rupture (bending strength)	UNI EN ISO 10545-4	> or - 35 N/mm2	> or - 40 N/mm3
Breaking strength	UNI EN ISO 10545-4	> or - 1300 N	> or - 1500 N
Resistane to surface abrasion	UNI EN ISO 10545-7	PEI	mohs 6
Thermal shock resistance	UNI EN ISO 10545-9	Test method available	resistant
Crazing resistance	UNI EN ISO 10545-11	Test method available	resistant
Frost resistance	UNI EN ISO 10545-12	No alteration to surface	resistant
Chemical resistance -Low Concentrations of	UNI EN ISO 10545-13		
Acids and Alkaline	UNI EN ISO 10545-13	No visible signs to surface	ULA
Chemical resistance - Domestic Chemicals	UNI EN ISO 10545-14	GB min,	UA
Stain resistance - Domestic Chemicals	UNI EN ISO 10545-14	Min Class 3	5

SLIP RESISTANCE: Areas with footwear	UNI EN ISO 10545-17 (DIN51130)	R9 from 3 to 10 degrees	R9
		R10 over 10 to 19 degrees	
		R11 over 19 to 27 degrees	
		R12 over 27 to 35 degrees	
		R13 over 35 degrees	

Additional info required for 2cm thick tiles			
Breaking Strength	EN180 10545-4		
Bending Strength	EN180 10545-4		
Point Load	EN 12825		
Resistance to Abrasion	EN180 10545-6		

If you require any further assistance regarding specification data, technical advice or samples, please contact us at specification@claybrookstudio.co.uk

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