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SPECIFICATIONS

GRANITE SPECIFICATIONS

TECHNICAL SPECIFICATIONS		TECHNICAL SPECIFICATIONS	
MATERIAL NAME	Salt and Pepper Granite	MATERIAL NAME	Gold Granite
WATER ABSORPTION RATE	0.33	WATER ABSORPTION RATE	0.37
ROCK DENSITY (W.A.)	2.65g/cm3	ROCK DENSITY (W.A.)	2.58g/cm3
COMPRESSIVE STRENGTH	156.6 Mpa	COMPRESSIVE STRENGTH	152.8Mpa
FLEXIBILITY STRENGTH	15.8 Mpa	FLEXIBILITY STRENGTH	11.9 Mpa
ABRASION RESIST HARDNESS	0.84g/cm2	ABRASION RESIST HARDNESS	0.53g/cm2

TECHNICAL SPECIFICATIONS		TECHNICAL SPECIFICATIONS	
MATERIAL NAME	Dark Grey Granite	MATERIAL NAME	Peach Blossom Granite
WATER ABSORPTION RATE	0.33	ABSORPTION BY WEIGHT	0.43%
ROCK DENSITY (W.A.)	2.80g/cm3	DENSITY	2.58kg/dm3
COMPRESSIVE STRENGTH	218.3 Mpa	COMPRESSIVE STRENGTH	127.5Mpa
FLEXIBILITY STRENGTH	26.6 Mpa	FLEXIBILITY STRENGTH	19.0Mpa

TECHNICAL SPECIFICATIONS		TECHNICAL SPECIFICATIONS	
MATERIAL NAME	Black Granite	MATERIAL NAME	Misty Brown Granite
WATER ABSORPTION RATE	0.18	ABSORPTION BY WEIGHT	0.31%
ROCK DENSITY (W.A.)	3.03g/cm3	DENSITY	2.61kg/dm3
COMPRESSIVE STRENGTH	279-327 Mpa	COMPRESSIVE STRENGTH	128.5Mpa
FLEXIBILITY STRENGTH	28.2 Mpa	FLEXIBILITY STRENGTH	12.8Mpa

BLUESTONE SPECIFICATIONS

TECHNICAL SPECIFICATIONS	
PETROGRAPHIC DATA	sedimentary limestone
APPARENT MASS VOLUME	2.707,7 kg/m³
POROSITY	0,29 % in volume
RESISTANCE TO THE PRESSURE	168,6 N/mm²
RESISTANCE TO THE FLEXION	16 N/mm²
RESISTANCE TO THE USURY (AMSLER)	2,35 mm/1000m

SILVER GREY LIMESTONE SPECIFICATIONS

PHYSICAL PROPERTY TESTING RESULTS						CHEMICAL PROPERTY ANALYSIS RESULTS (%)					
PRODUCTION	Compressive Strength (MPa)	Flexural Strength (MPa)	Shore Hardness (HSD)	Density (g/cm3)	Water Absorption (%)	SiO2	Al2O3	CaO	MgO	Na2O	Fe2O3
LIMESTONE	208	13.5	58	2.65	0.28	2.65	1.05	50	3.5	0.182	0.388

MARBLE PAVERS SPECIFICATIONS

TECHNICAL SPECIFICATIONS	
DENSITY	2.5-2.90 kgs/cm³
COMPRESSIVE STRENGTH	1,000-3,000 kgs/cm³
WATER ABSORPTION	<0/10%
HARDNESS	>HS100

For full Marble Specifications sheet, visit www.hardscape.com/specifications

SPECIFICATIONS cont.

PORPHYRY PAVERS SPECIFICATIONS

TECHNICAL SPECIFICATIONS	
ABSORPTION BY WEIGHT (%)	sedimentary limestone
DENSITY	2.67 kg/dm ³
COMPRESSIVE STRENGTH	167.2 Mpa
FLEXURAL STRENGTH	21.4 Mpa

BASALT PAVERS SPECIFICATIONS

TEST ITEMS(S)	TEST METHOD(S)	TEST RESULT(S)
ABSORPTION BY WEIGHT	ASTM C97/C97M-09	0.06%
DENSITY		3000 kg/m ³
ABRASION RESISTANCE (SAWN)	ASTM C241/C241M-09	40
MODULUS OF RUPTURE	ASTM C99/C99M-09	Dry condition: 15.6 MPa
		Wet condition: 21.2 MPa
FLEXURAL STRENGTH	ASTM C880/C880M-09	Dry condition: 18.3 MPa
		Wet condition: 20.7 MPa
COMPRESSIVE STRENGTH	ASTM C170/C170M-14a	Dry condition: 235 MPa
		Wet condition: 229 MPa