

TECHNICAL INFORMATION - ASTM
(Natural Thin Stone Veneer & Corners)

Stone: PACIFIC PEAK

Stone: Quartzite

<u>Technical Information</u>		<u>Value</u>	<u>ASTM Standards</u>
Modulus of rupture, N/mm ² (square)		46	C-120
Water absorption, % by weight		0.3	C-121
Acid resistance (Whether resistance), Depth of softening mm		0.05	C-217
Abrasion (Resistance to wear)	Average wear, mm	2.6	IS 1237 Guidelines
	Max. wear on individual Specimen, mm	2.8	

Stone: LONDON FOG; OLIVE BROWN; MARSALA

Stone: Sandstone

<u>Technical Information</u>			<u>Value</u>	<u>ASTM Standards</u>
Water absorption, % by weight			0.53	C-97
Density (Bulk specific Gravity)			2.60	C-97
Modulus of rupture, N/mm ² (square)	Dry	Parallel to rift	42	C-99 Guidelines
		Perpendicular to rift	40	C-99
	Wet	Parallel to rift	34	C-99 Guidelines
		Perpendicular to rift	39	C-99
Compressive Strength N/mm ² (square)	Dry	Parallel to rift	156	C-170
		Perpendicular to rift	185	
	Wet	Parallel to rift	134	
		Perpendicular to rift	153	
Abrasion (resistance to wear)		Average wear, mm	0.9	IS 1237 Guidelines
		Max. wear on individual specimen, mm	1.0	

Stone: GOLD

Stone: Sandstone

<u>Technical Information</u>			<u>Value</u>	<u>ASTM Standards</u>
Water absorption, % by weight			1.67	C-97
Density (Bulk specific Gravity)			2.53	C-97
Modulus of rupture, N/mm ² (square)	Dry	Parallel to rift	21	C-99 Guidelines
		Perpendicular to rift	14	C-99
	Wet	Parallel to rift	17	C-99 Guidelines
		Perpendicular to rift	15	C-99
Compressive Strength N/mm ² (square)	Dry	Parallel to rift	58	C-170
		Perpendicular to rift	64	
	Wet	Parallel to rift	46	
		Perpendicular to rift	44	
Abrasion (resistance to wear)		Average wear, mm	4.9	IS 1237 Guidelines
		Max. wear on individual specimen, mm	5.3	

Stone: BLACKSMITH

Stone: Limestone

<u>Technical Information</u>			<u>Value</u>	<u>ASTM Standards</u>
Water absorption, % by weight			.26	C-97
Density (Bulk specific Gravity)			2.67	C-97
Modulus of rupture, N/mm ² (square)	Dry	Parallel to rift	39	C-99 Guidelines
		Perpendicular to rift	30	C-99
	Wet	Parallel to rift	28	C-99 Guidelines
		Perpendicular to rift	32	C-99
Compressive Strength N/mm ² (square)	Dry	Parallel to rift	172	C-170
		Perpendicular to rift	92	
	Wet	Parallel to rift	126	
		Perpendicular to rift	70	
Abrasion (resistance to wear)		Average wear, mm	2.2	IS 1237 Guidelines
		Max. wear on individual specimen, mm	2.5	

Stone: IVORY; ASPEN

Stone: Sandstone

<u>Technical Information</u>			<u>Value</u>	<u>ASTM Standards</u>
Water absorption, % by weight			2.17	C-97
Density (Bulk specific Gravity)			2.41	C-97
Modulus of rupture, N/mm ² (square)	Dry	Parallel to rift	22	C-99 Guidelines
		Perpendicular to rift	23	C-99
	Wet	Parallel to rift	16	C-99 Guidelines
		Perpendicular to rift	18	C-99
Compressive Strength N/mm ² (square)	Dry	Parallel to rift	121	C-170
		Perpendicular to rift	125	
	Wet	Parallel to rift	106	
		Perpendicular to rift	100	
Abrasion (resistance to wear)		Average wear, mm	2.8	IS 1237 Guidelines
		Max. wear on individual specimen, mm	3.0	

Stone: STORMCLOUD; IRON ORE

Stone: Sandstone

<u>Technical Information</u>			<u>Value</u>	<u>ASTM Standards</u>
Water absorption, % by weight			0.45	C-97
Density (Bulk specific Gravity)			2.65	C-97
Modulus of rupture, N/mm ² (square)	Dry	Parallel to rift	40	C-99 Guidelines
		Perpendicular to rift	38	C-99
	Wet	Parallel to rift	32	C-99 Guidelines
		Perpendicular to rift	37	C-99
Compressive Strength N/mm ² (square)	Dry	Parallel to rift	160	C-170
		Perpendicular to rift	190	
	Wet	Parallel to rift	135	
		Perpendicular to rift	155	
Abrasion (resistance to wear)		Average wear, mm	0.8	IS 1237 Guidelines
		Max. wear on individual specimen, mm	0.9	