



# THE STATE OF THE ART IN LIGHT WEIGHT MASONRY AND CLADDING TECHNOLOGY

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## STONESCREEN LITE<sup>®</sup> DATA SHEET

DESCRIPTION: Stone faced light weight composite panel

TYPICAL OVERALL PANEL THICKNESS: 19mm

COMPOSITION: 4mm thick marble bonded to 15mm thick aluminium honeycomb backing

SUITABLE USE: Wall cladding & internal flooring

MAX PANEL DIMENSION: 2 m x 1 m



Authority	Test	Standard	Result
SGS	Fire Classification UK Building regulations 2006 Approved document B	BS-476 Part 6 + A1:2009 BS-476 Part 7:1997	Class 0
SGS	Accelerated ageing	ASTM 481	No change
SGS	Tensile strength after accelerated ageing	ASTM C297/ C297M-04(2010)	2.36MPa
SGS	Flexural strength	ASTM C880/C880M-09	22.7MPa
SGS	Freeze/Thaw resistance	ASTM C67-11 100 Cycles	Samples Intact
SGS	Tensile Strength Test after Freeze/Thaw	ASTM C297/C297M- 04(2010)	2.5MPa
SGS	Salt Spray Test	ASTM B117-11	No change in strength
SGS	Co-efficient of thermal expansion	ISO 10545-8 1994	12.9x10 <sup>-6</sup> /degrees C
SGS	Anchorage pull out strength	ASTM C1354-09	3084 N