



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

www.stonescreen.com
info@stonescreen.com

STONESCREEN LITE® DATA SHEET

DESCRIPTION: Composite panels made up of a thin natural solid stone veneer reinforced with an aluminum honeycomb backing.

COMPOSITION: Natural stone veneer + Aluminum sheet / Fiber glass sheet + Aluminum honeycomb core + Aluminum sheet / Fiber glass sheet.

SUITABLE USE: Exterior & Interior, wall & floor cladding

MAX PANEL DIMENSION: 1.2 m x 2.4 m



Authority	Test	Standard	Result
SGS	Fire Classification UK Building regulations 2006 Approved document B, appendix A, Paragraph 13	BS-476 Part 6 + A1:2009 BS-476 Part 7:1997	Class 0
SGS	Accelerated ageing	60 Cycles	
SGS	Tensile strength after accelerated ageing	ASTM C297/ C297M-04(2010)	2.36MPa
SGS	Flexural strength (Dry)	ASTM C880/C880M-09	22.7MPa
SGS	Flexural strength (Wet)	ASTM C880/C880M-09	18.9MPa
SGS	Freeze/Thaw resistance	ASTM C67-11 100 Cycles	Samples Intact some minor cracks
SGS	Tensile Strength Test after Freeze/Thaw	ASTM C297/C297M- 04(2010)	2.5MPa
SGS	Salt Spray Test	ASTM B117-11	Some discolouring but no other visual change
SGS	Co-efficient of thermal expansion	ISO 10545-8 1994	12.9x10 ⁻⁶ /degrees C
SGS	Stone Anchorage pull out strength	ASTM C1354-09	3084 N