

OFFICE & SHOWROOM
Emirates Industrial City- 251
Sajaa, Sharjah: 24282-UAE
Tel: 06-8820495

TECHNICAL DATA FOR MARBLE BASED ENGINEERED STONES

Brand name: **MINA SURFACE**
Material composition: **6-10 % Resin / 90-94 % Marble**

Test type	Standard	Unit	Value
Water absorption	ASTM C 97	%	≤ 0.10
Density	ASTM C 97	kg/dm ³	2.40 - 2.55
Flexural strength	ASTM C 880	MPa	25 - 35
Abrasion resistance	EN14617- 4	mm	Groove Length 30mm - 40mm
Impact resistance	EN 14617-9	J	1.5 - 3.5 (for thickness 20 mm)
Glossiness Reflection	Gloss meter	%	>85
Thermal expansion coefficient	EN 14617-11	m/m °C	15 - 20 x 10 ⁻⁶
Compressive strength	ASTM C 170	MPa	110 - 150
Mohs hardness	EN 101	Mohs	4
Behaviour Under Fire	ASTM E119 - 10	h	Passed
Slip resistance	DIN 51130	-	R9 (for Honed 400)
Frost resistance	DIN 52104	-	Complies with the Standards

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Tolerances on dimension and shape - IS 13630 Part 1-06

Property	Tolerances
Sizes - length - width	$\pm 0,5$ mm $\pm 0,5$ mm
Thickness	$\pm 0,7$ mm
Straightness of sides	$\pm 0,3$ mm
Rectangularity	$\pm 0,9$ mm
Flatness: - centre curvature - side curvature - warping	$\pm 0,2$ % referred to the dimension of the length