

Survey No. 286, Village Naroli Near Naroli RTO Check Post,
Silvassa - 396230 U.T. of Dadra & Nagar Haveli, India
Tel. +91 260 3006000 – Fax +91 260 3006001
www.kalingastone.com – info@kalingastone.com

TECHNICAL DATA FOR MARBLE BASED ENGINEERED STONES

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

Test type	Standard	Unit	Value
Water absorption	EN 99	%	≤ 0.10
Density	ASTM C 97	kg/dm ³	2.40 -2.50
Flexural strength	EN 100	MPa	25 -35
Abrasion resistance	EN 102	mm ³	160 -250
Impact resistance	EN 14617-9	J	1.5 -3.5 (for thickness 20 mm)
Glossiness Reflection	Gloss meter	%	>85
Thermal expansion coefficient	EN 103	°Cm/m	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
Property	Tolerances		

Survey No. 286, Village Naroli Near Naroli RTO Check Post,
Silvassa - 396230 U.T. of Dadra & Nagar Haveli, India Tel. +91
260 3006000 – Fax +91 260 3006001
www.kalingastone.com – info@kalingastone.com

TECHNICAL DATA FOR MARBLE BASED ENGINEERED STONES

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

Test type	Standard	Unit	Value
Water absorption	EN 99	%	≤ 0.10
Density	ASTM C 97	kg/dm ³	2.40 -2.50
Flexural strength	EN 100	MPa	25 -35
Abrasion resistance	EN 102	mm ³	160 -250
Impact resistance	EN 14617-9	J	1.5 -3.5 (for thickness 20 mm)
Glossiness Reflection	Gloss meter	%	>85
Thermal expansion coefficient	EN 103	°Cm/m	15 -20 x 10 ⁻⁶