



SHEEN OVERSEAS

ENGINEERED QUARTZ SURFACES & ARCHITECTURAL TILES
Global Manufacturers & Exporters • Jumbo Slabs • Vitrified Tiles

ISO 9001:2015 CERTIFIED

Export Hub: Morbi, Gujarat, India
Web: www.sheenoverseas.com

Doc Ref: SO/QA/QZ-SPEC/2026-27

Product: Engineered Quartz Surfaces (Jumbo Slabs)

Date: 08 October, 2026

TECHNICAL SPECIFICATION

Standard Physical, Mechanical & Chemical Performance Benchmark Matrix

MORBI QA LABORATORY • EXPORT GRADE

TEST SPECIFICATION	STANDARD OF TEST	STANDARD OF MEASUREMENT	RANGE OF WS QUARTZ
Water Absorption	EN 14617 1	%	<0.1
Thermal Expansion Linear Coefficient Of T.e.	EN 14617 - 11	10 ⁻⁶ /°C	<30
Surface Hardness	EN 101	Moh's Scale	6 7
Density	EN 14617 1	gm / cc	>2.30
Compressive Strength	EN 14617 15	Mpa	170 - 250
Flexural Strength / Module	EN 14617 2	Mpa	27 60
Glossiness	Reflection	%	>55
Chemical Resistance (Resistance to acid)	EN 14617 10	C1.C4	C1.C4
Resistance To Fire	DIN 4102	—	b1
Shock Resistance	ASTM C848	—	No Scaling
Slippage Resistance	DIN 51130	Joule	Levigato 320 = R9 Honed 320 = R9 Geschliffen 320 = R9
Resistance To De-Icing Salts	ASTM C672	—	120 180
Resistance To Rapid Freezing & Thawing	"ASTM C666 DIN 52104"	—	Levigato 320 = R9 Honed 320 = R9 Geschliffen 320 = R9
Impact Resistance	ASTM C1709	—	5. + / -2
Abrasion Resistance	EN 14617- 4	mm	172 25

Design and technology innovation for superior quartz surfaces.

Note: Due to printing process, the colour of the actual products may differ from the picture. For true colour matching purposes refer the sample.

For, SHEEN OVERSEAS

Quality Control Laboratory: Sheen Overseas Technical QA Division, Morbi (Gujarat)
Port of Dispatch: Mundra / Kandla Port, India • Standards: ASTM / ISO / EN Certified

Authorized Signatory & Quality In-Charge

REGISTERED CORPORATE OFFICE

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EXPORT SALES & DISPATCH DESK

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ELECTRONIC CORRESPONDENCE

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