

Z E A L

Q U A R T Z

**Product
Specifications
Sheet**



The integral solidity and strength of ZEAL's quartz surfaces provide designers with the widest possible choice of profile options available in natural stone products. This freedom inspires architects and designers to explore creative concepts and shape them into practical applications.

Slab Dimensions

The slab dimensions of ZEAL's quartz surfaces is 126" x 63" which enables optimized flexibility and maximum utilization of material. The ZEAL Quartz slabs are available in two thicknesses: 3/4" and 1 - 1/4" in order to enable a multitude of applications.

Precision and Efficiency

Whether for private quarters, work areas or public spaces, ZEAL's quartz surfaces represent a solid asset that ensures value for money and return on investment for years to come.

TECHNICAL SPECIFICATION

TEST ITEMS	TEST METHODS	TEST RESULTS	
APPARENT DENSITY	EN14617-1:2005	2360Kg/m ³	
WATER ABSORPTION	EN14617-1:2005	0.03%	
FLEXURAL STRENGTH	EN14617-2:2008	44.8MPa	
SLIP RESISTANCE (POLISHED)	EN14231:2003	SRV "dry": 55 SRV "wet": 12	
ABRASION RESISTANCE	EN14617-4:2005	20.6 mm	
THERMAL SHOCK RESISTANCE	EN14617-6:2005	Mass loss: 0.03% Flexural strength loss: 2.9%	
IMPACT RESISTANCE	EN14617-9:2005	4.89J	
CHEMICAL RESISTANCE	EN14617-10:2005	Classification: C4	
LINEAR THERMAL EXPANSION	EN14617-11:2005	19.80 10 ⁻⁶ /°C	
COEFFICIENT			
DIMENSIONAL STABILITY	EN14617-12:2005	Classification: A	
MOH'S HARDNESS	EN101	7	
RESISTANCE TO CHEMICALS AND STAINING AGENTS	EN14688, CLAUSE 5.5	STAINING AGENT	CLEANING TEST
		CH ₃ COOH (10% V/V)	REMOVAL
		NaOH (5% m/m)	REMOVAL
		C ₂ H ₅ OH (70% V/V)	REMOVAL
		NaOCl (5%)	REMOVAL
		METHYLENE BLUE (1% m/m)	REMOVAL
		NaCl (170 G/L)	REMOVAL

PACKING & DIMENSIONS

SIZE	THICKNESS	PCS	BUNDLES	kgs/BUNDLE	SQM	Weight Kg)
3200x1600 mm 126"x63"	2 cm or 3/4"	105	7	3703	537.68	26880
3200x1600 mm 126"x63"	3 cm or 1 - 1/4"	70	7	3703	358.48	26880