



ELEGANCE®

QUARTZ SURFACES

Essential characteristics	Performance	Harmonised technical specification
Apparent density	2370 kg/m ³	EN 14617-1:2013
Tensile adhesion strength	1.03 N/mm ³	EN 1348:2007
Water absorption	0.05 % Classification: W ₄	EN 14617-1:2013
Flexural strength	49.5 MPa Classification: F ₄	EN 14617-2:2008
Freeze and thaw resistance	Flexural strength after freeze and thaw: 48.8 MPa KM _{r25} : 98.6	EN 14617-5:2012
Slipperiness (polished)	SRV : 67(dry)/13(wet)	EN 14231:2003
Abrasion resistance (polished)	26.8 mm Classification: A ₄	EN 14617-4:2012
Thermal shock resistance	Mass loss: 0.00% Flexural strength after thermal shock: 48.1 MPa Flexural strength loss: 2.8%	EN 14617-6:2012
Impact resistance	12.87 J	EN 14617-9:2005
Chemical resistance	Classification: C ₄	EN 14617-10:2012
Linear thermal expansion coefficient	30.2×10 ⁻⁶ /°C	EN 14617-11:2005
Dimensional stability	Class: A Vertical displacement: 0.00mm	EN 14617-12:2012
Resistance to fixing(dowel hole)	4385 N	EN 14617-8:2007
Thermal performance	Thermal Conductivity: 0.761W/(m·K) Thermal Resistance: 0.040 m ² ·K/W	EN 12664:2001
Dimensions, geometric characteristics and surface quality	300mm×300mm×30mm surface quality: no defects	EN 14617-16:2005

Release of danger substances (SVHC 161 substances)	≤0.1%(w/w) Not detected	SGS In-House method
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