

AKDO®



QUARTZ

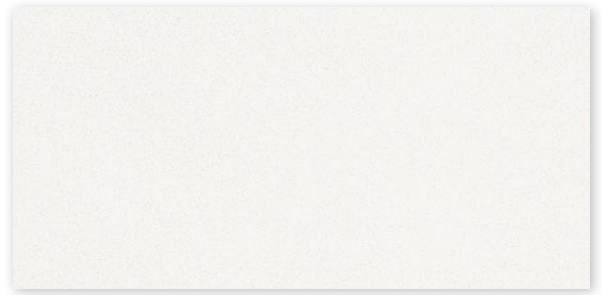
*Arresting. Resilient. Enduring.
Quintessentially Quartz.*

Far Beyond the Surface

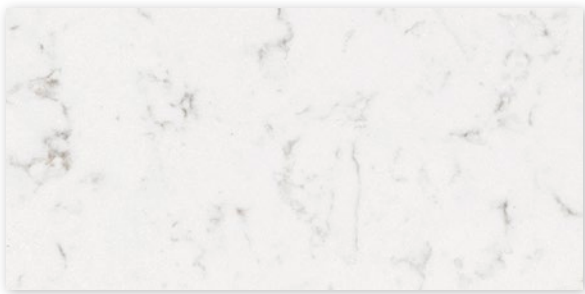
QUARTZ
slabs



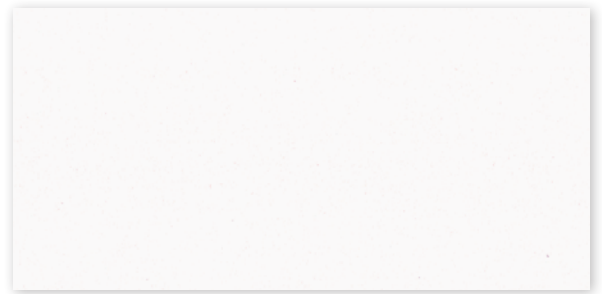
Angel (P)
1-1/4" QZ1945-SL54PO



Egret (P) Grade B
3/4" QZ1943-SL34PO
1-1/4" QZ1943-SL54PO



Grace (P)
1-1/4" QZ1944-SL54PO



Lily (P)
3/4" QZ1947-SL34PO
1-1/4" QZ1947-SL54PO



Moonlight (P)
3/4" QZ1946-SL34PO
1-1/4" QZ1946-SL54PO



Phantom (V)
1-1/4" QZ1948-SL54VO

QUARTZ slabs

DIMENSIONS

PROFILE	SIZE
Angel, Egret, Grace	122.04" x 59.84" = 50.714 sqft
Lily, Moonlight, Phantom	64.00" x 130.00" = 57.778 sqft

APPLICATIONS

WALL	FLOOR	INTERIOR	EXTERIOR FREEZE/THAW	STEAM SHOWER	WET AREA	POOL
Yes	Yes	Yes	No	Yes	Yes	Angel, Egret, Grace – No Lily, Moonlight, Phantom – Yes

TECHNICAL DATA

FEATURES	STANDARD TEST	ANGEL, EGRET, GRACE	LILY, MOONLIGHT, PHANTOM
Water absorption	EN 14617-1	< 0.07 % (W4)	< 0.05 % (W4)
Density	EN 14617-1	2.34 gr/cm ³	2.34-2.40 gr/cm ³
Breaking strength	ASTM C648	3883 lbf	
Flexural strength	EN 14617-2	>35 MPa (F4)	40-80 MPa (F4)
Modulus of rupture	ASTM C99	Dry : 7379 psi Wet: 5585 psi	
Bond strength	ASTM C482	241 psi	
Compressive strength	ASTM C170	Dry : 33369 psi Wet: 35446 psi	
Impact resistance	EN 14617-9	> 3.36 Joule (20mm)	> 3.4 Joule (20mm)
Abrasion resistance	EN 14617-4	28 mm (A4)	28 mm (A4)
Thermal shock resistance	EN 14617-6	$\Delta R_{f,20} = -5\%$	$\Delta R_{f,20} = -5\%$
Freeze and thaw resistance	EN 14617-5	$KM_{f25} = 0.98$	$KM_{f25} = 97.8\%$
Linear thermal expansion	EN 14617-11	$19.7 \cdot 10^{-6}$	$19.5 \cdot 10^{-6} /K$
Slip resistance	EN 14231	Dry SRV: 40.8 Wet SRV: 4.5	
Static coefficient of friction	ASTM 1028	Dry : 0.77 Wet: 0.66	
Fire resistance	EN 13501-1	A2fl s1 A2s2d0	A2fl s1
Electrical resistance	EN 14617-13	$R_s 2.6 \cdot 10^{12}$ $R_v 2 \cdot 10^{12}$	
Chemical resistance	EN 14617-10	C4	C4

Product images are enlarged to show detail, for full slab views please visit akdo.com

Grade B slabs may have minor defects such as small blemishes, cracks, or unpolished areas.
Grade B slabs are sold as is.



AKDO®

NEW QUARTZ

*Arresting. Resilient. Enduring.
Quintessentially Quartz.*



Far Beyond the Surface

QUARTZ

slabs



Calacatta Fantasia (P) 1-1/4"
QZ2443-SL54P0



Statuario Bello (P) 1-1/4"
QZ2444-SL54P0

DIMENSIONS

SIZE

126.00" x 64.00" = 56.00 sqft +/-

APPLICATIONS

WALL	FLOOR	INTERIOR	EXTERIOR FREEZE/THAW	STEAM SHOWER	WET AREA	POOL
Yes	Yes	Yes	No	Yes	Yes	No

TECHNICAL DATA

FEATURES	STANDARD TEST	RESULT
Water absorption	ASTM C97-09	0.02%
Specific gravity	ASTM C97-09	148.3lbs/ft ³
Modulus of rupture	ASTM C99-09	9,300 psi
Compressive strength	ASTM C170-14	Dry: 23,700 psi / Wet: 22,100 psi
Flexural strength	ASTM C880-09	8,700 psi
Abrasion resistance	ASTM C1353-15	31.9 lw
Weather resistance	ASTM C217	No damage
Density	ASTM C373	2.38 g/cm ³
Bond strength	ASTM C482	237 psi
Thermal shock	ASTM C484	No damage passed 25 cycles
Wear resistance	ASTM C501	139 lw
Thermal expansion	ASTM C531	2.61x10 ⁻⁵ in/in F
Breaking strength	ASTM C648	480 lbs
Chemical resistance	ASTM C650	No damage
De-icing resistance	ASTM C672	No damage
Static coefficient of friction	ASTM C1028	Dry: 0.78 / Wet: 0.61
Izod impact	ASTM D256	0.363 ft lbs/in
Chemical reagents resistance	ASTM D543	No damage
Mold resistance	ASTM D6329	No microbial growth

AKDO

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