

AKDO®



QUARTZ

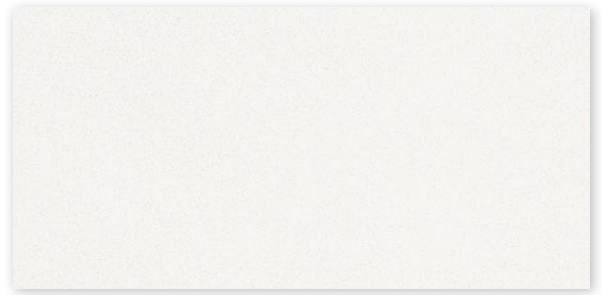
*Arresting. Resilient. Enduring.
Quintessentially Quartz.*

Far Beyond the Surface

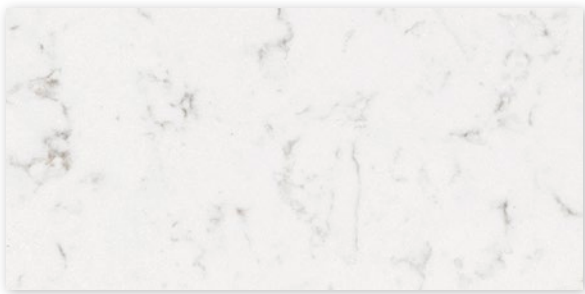
QUARTZ
slabs



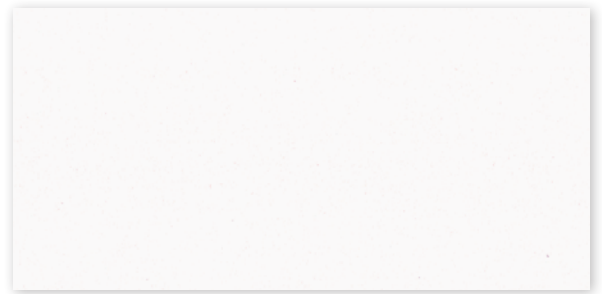
Angel (P)
1-1/4" QZ1945-SL54P0



Egret (P) Grade B
3/4" QZ1943-SL34P0
1-1/4" QZ1943-SL54P0



Grace (P)
1-1/4" QZ1944-SL54P0



Lily (P)
3/4" QZ1947-SL34P0
1-1/4" QZ1947-SL54P0



Moonlight (P)
3/4" QZ1946-SL34P0
1-1/4" QZ1946-SL54P0



Phantom (V)
1-1/4" QZ1948-SL54V0

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

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