



LUSSO
LAZER DESIGNED

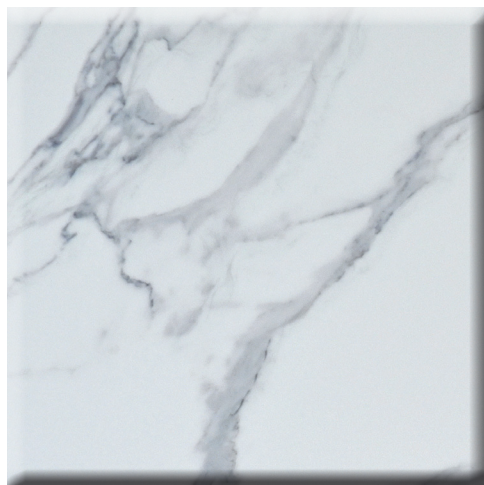
*Your Partner for
Manufacturer Direct
Premium Surfaces*

NEW LOW SILICA

FULL BODY PRINTED QUARTZ

LUSO
LAZER DESIGNED

Venatino Grigio
UHD-900



**8K^{ULTRA} HD
QUARTZ**

- Vivid & Pure Patterns
- Superior Lustre
- Profound Depth

NEW LOW SILICA



RESISTANT



CORROSION
RESISTANCE



THERMAL
RESISTANCE



WIPE
CLEAN



GREEN



COLOURS



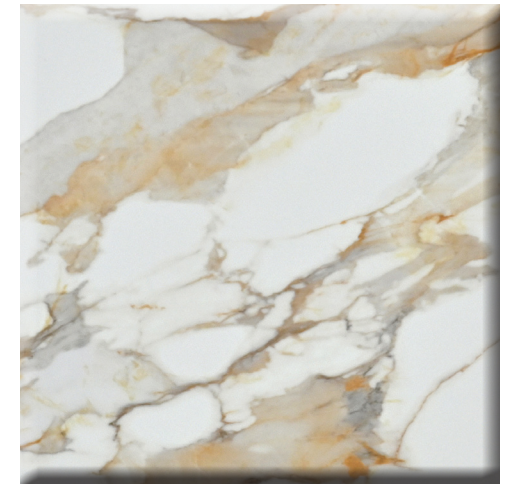
Calacatta Rustico
UHD-901

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COLOURS

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Boticcino
UHD-902
colour is translucent



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Moscato Beige
UHD-903

colour is translucent

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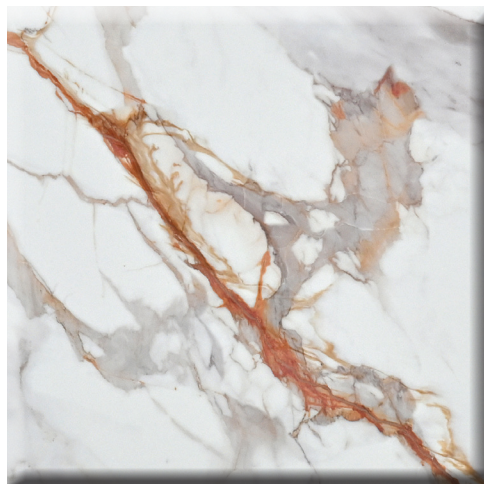
GREEN



COLOURS

LUSSO
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Calacatta Picasso
UHD-904



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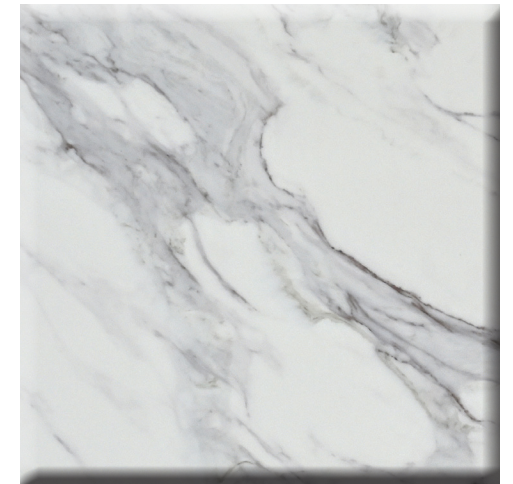
Marmo
UHD-905

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Statuario Classico
UHD-906



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MATERIALS COMPARISON

MATERIALS	QUARTZ SURFACE	GRANITE	LAMINATE	SOLID SURFACE
Scratch Resistance	❖ ❖ ❖	❖ ❖ ❖	❖ ❖	❖
Stain Resistance	❖ ❖ ❖	❖ ❖	❖ ❖	❖ ❖ ❖
Chip & Crack Resistance	❖ ❖ ❖	❖ ❖	❖ ❖	❖ ❖ ❖
Heat & Burn Resistance	❖ ❖	❖ ❖	❖ ❖	❖ ❖
Resistance to Household, Chemicals, Acids & Solvent	❖ ❖ ❖	❖ ❖	❖ ❖	❖ ❖ ❖
Low Maintenance	❖ ❖ ❖	❖ ❖	❖ ❖	❖
Non-absorbency & Non-porosity	❖ ❖ ❖	❖ ❖	❖ ❖	❖ ❖ ❖
Mold & Mildew Resistance	❖ ❖ ❖	❖ ❖	❖ ❖	❖ ❖
Flexural Strength	❖ ❖ ❖	❖	❖ ❖	❖ ❖
Colour Consistency	❖ ❖ ❖	❖	❖ ❖ ❖	❖ ❖ ❖
Immunity to Freeze & Thaw	❖ ❖ ❖	❖ ❖ ❖	❖	❖

SLAB SIZES

Size: Jumbo 63" x 126" Thickness: 3cm

Size: Jumbo 63" x 126" Thickness: 2cm

❖ ❖ ❖	EXCELLENT
❖ ❖	GOOD
❖	FAIR

SPECIFICATIONS	TEST METHOD	RESULTS
Water Absorption (% by weight)	ASTM C97/C97M-09:2009	$\leq 0.05\%$
	BS EN 14617-1:2013	$\leq 0.06\%$
Apparent Density	ASTM C97/C97M-09:2009	2.2 – 2.4 gr/cm ³
	BS EN 14617-1:2013	2.2 – 2.4 gr/cm ³
Flexural Strength	ASTM C880/C880M-09:2009	> 40 MPa
	BS EN 14617-2:2016	> 40 MPa
Compressive Strength	ASTM C170/C170M-09:2009	≥ 155 MPa
	BS EN 14617-15:2005	≥ 155 MPa
Chemical Resistance	ASTM C650-04:2014	Unaffected
	BS EN 14617-10:2012	Class C ₄
Dimension Stability	EN 14617-12:2012	Class A
Electrical Stability	EN 14617-13:2013	Volume resistance (RV) = $0.9 \times 10^{14}\Omega$, Volume resistance (pV) = $4.88 \times 10^{14}\Omega\text{m}$
Impact Resistance	ASTM D1709:2015	≥ 3.0 J
	EN 14617-9:2005	≥ 3.0 J
Abrasion Resistance	ASTM C501-84:2015	Abrasive Wear index: $I_w \geq 179$
	BS EN 14617-4:2012	Volume of chord: $V \leq 195 \text{ mm}^3$, Chord length: $l \leq 27 \text{ mm}$
Thermal Shock Resistance	ASTM C484-99:2014	No visible damage after 10 cycles
	EN 14617-6:2012	No visible defects after 20 cycles, Change in mass: $\leq 0.05\%$, Change in flexural strength: $8.4\% \div 5.4\%$
Freeze-thaw Resistance	ASTM C1026-13:2018	No visible damage after 300 cycles, Wt.Loss: $\leq 0.09\%$
	EN 14617-5:2012	No obvious damage after 20 cycles, KMf25 = $93 \div 105\%$
Mohs Scale of Hardness	EN 101	6.0 - 7.0
Slip Resistance	DIN 51130:2014	R9 at Honed 400
	ASTM C1028-07	Static coefficient of friction - Dry: $0.7 \div 0.8$ (Polished/Honed finish), Wet: $0.5 \div 0.7$ (Polished/Honed finish)
Microbial Resistance	ASTM D6329:2015	Ranking 3: Resistant to Mold Growth
Stain Resistance	ASTM C1378-04:2014	Class A (Polished finish)
Surface Burning	ASTM E84	Class A
Determination of Resistance to Immersion in Boiling Water	AS 2924.2-8:1998 (equi. to ISO 4586.2-8:1997)	Effect on surface rating: 5 (no visible change)
Determination of Resistance to Dry Heat	AS 2924.2-8:1998 (equi. to ISO 4586.2-8:1997)	Effect on surface rating: 5 (no visible change)
Determination of Resistance to Staining (Procedure A)	AS 2924.2-15:1998 (equi. to ISO 4586.2-15:1997)	Effect on surface rating: 5 (no visible change)



WHAT IS LASER-PRINTED QUARTZ?

Laser-printed quartz countertops use advanced laser technology to create detailed patterns on engineered quartz surfaces. This four stage method enhances the aesthetic appeal, the consistency of design and the durability of quartz countertops, making them look more natural and unique.

Quartz Slab Base: The process begins with a raw quartz slab serving as the foundation.

High-Resolution Image (HighD): A digitally designed pattern is prepared for transfer onto the quartz surface.

High-Temperature Application: The slab is heated to 280°C, allowing the image's colours and design to bond with the quartz.

Colour Transfer Process: Using a heat transfer method similar to sublimation, the high temperature enables the image to adhere permanently to the quartz surface.



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