

Technical Specifications



EstrellaSA | Sintered Stone

Characteristics and Technical Specifications

EstrellaSA Sintered Stone is an engineered stone surface made from 100% natural minerals (quartz, feldspar etc.) that are compacted under extreme heat and pressure, resulting in a non-porous, high-performance surface.

EstrellaSA is highly resistant to scratches (7-8 on Mohs Scale), resistant to stains, UV rays and heat, making it an ideal surface for countertops, flooring and cladding.



Fire and high temperature resistance



Resistance to stains



Aesthetic Superiority



Food grade surface



UV Resistant



Easy to Clean



All-weather Resistant



Anti-Slip



High wear resistance



Zero Infiltration



Hygienic



Fire Resistant



High strength, durability, and resistant to bending



Acid, radiation and alkali resistance

Specification Category	EstrellaSA Sintered Stone*	Testing Method (if applicable)
Material Type	Sintered Stone	-
Composition	Natural minerals including quartz, feldspar, clay, silica, and natural oxides	-
Manufacturing Process	Minerals compacted under high pressure and fired at extremely high temperatures	-
Standard Slab Size	3200 × 1600 mm	-
Thickness	12 mm	EN ISO 10545-2
Surface Finishes Available	Natural, Polished, Silk, Silk Tech, Grip Tech, Soft Polish, Structured, Digital Structured, Satin (varies by colour)	High-Temperature Exposure
Water Absorption	~0.08%	EN ISO 10545-3
Stain Resistance	Class 5 (resistant)	EN ISO 10545-14
Abrasion /Scratch Resistance	Class 4 (resistant)	EN ISO 10545-7
Chemical Resistance	Grade GA (resistant)	EN ISO 10545-13
Thermal Shock Resistance	Resistant	EN ISO 10545-9
UV Resistance	Suitable for indoor and outdoor applications**	-
Frost Resistance	Resistant	GB/T 3810.12- 2016
Slip Resistance	Varies by finish	DIN 51130 / DIN 51097 AS4566-20 (finish dependent)
Hygienic Properties	Low porosity surface assists with hygiene and cleaning	Derived from EN ISO 10545-3 results
Maintenance Requirements	No sealing required; clean with mild detergent and water	-
Recommended Applications	Kitchen countertops, vanities, wall cladding, flooring, fireplaces, outdoor kitchens, facades, furniture, staircases, shelving	-
Indoor Use	Yes	-
Outdoor Use	Yes	-
Heat Resistance	Suitable for high-temperature environments**	EN 13501-1
Scratch Resistance	High resistance under normal use conditions	-
Edge Profiles	Fabricator dependent	-
Installation	Installation by experienced fabricators/installers recommended	-
Distribution	Exclusively distributed in South Africa by ProQuartz Surfaces	-

Important Notes

- * Specifications may vary slightly depending on colour, finish, and batch.

** "Heat resistant" does not mean indestructible; always avoid extreme thermal abuse or unsupported hot objects where possible.
- Values may vary slightly depending on colour, finish, and production batch.
 - Always refer to the latest EstrellaSA technical documentation before specification.
 - Installation should be performed by experienced fabricators/installers.