



 **ESS**
FUTURE

GENERAL CATALOGUE



FULL BODY

P O R C E L A I N

S L A B

160 x 320 cm

Thickness : 12 mm
countertop ceramic



Code : Sahara noir

Code : 7050

Finish : matt

Face : 3







Name : Villaitana

Code : 1190

Finish : matt

Face : 4









Code : Pietra Black

Code : 7040

Finish : matt

Face : 4







Technical Characteristics

CATEGORY	ISO 13006 Standard No	ISO 13006 Limits	Limits
Length & Width	ISO 10545-2	$\pm 0.6\% - \pm 2\text{mm}$	$\pm 0.2\%$
Thicknes	ISO 10545-2	$\pm 5\% - \pm 0.5\text{mm}$	MAX : $\pm 0.3 \text{ mm}$
Straightness	ISO 10545-2	$\pm 0.5\% - \pm 1.5\text{mm}$	$\pm 0.2\%$
Rectangularity	ISO 10545-2	$\pm 0.5\% - \pm 2\text{mm}$	$\pm 0.3\%$
Surface Flatness (centre curvature)	ISO 10545-2	$\pm 0.5\% - \pm 1.8\text{mm}$	$\pm 0.4\%$ Max : $\pm 1.6 \text{ mm}$
Surface Flatness (edge curvature)	ISO 10545-2	$\pm 0.5\% - \pm 1.8\text{mm}$	$\pm 0.3\%$ Max : $\pm 1.3 \text{ mm}$
Surface Flatness (Warpage curvature)	ISO 10545-2	$\pm 0.5\% - \pm 1.8\text{mm}$	$\pm 0.3\%$ Max : $\pm 1.3 \text{ mm}$
Water Absorption	ISO 10545-3	$\leq 0.5\%$	$\leq 0.4\%$
Breaking Strength , in N	ISO 10545-4	$\leq 7.5\text{mm} : 700$ $\geq 7.5\text{mm} : 1300$	Comfortable
Modulus of rapture , in N/mm ²	ISO10545-4	Min. 35	Comfortable
Abrasion Resistance (Surface)	ISO10545-7	Report Abrasion Class	Class : 1-2 Matt : 2-3
Thermal Shock Resistance	ISO 10545-9	Test method Available	Not Crack
Resistance to Chemicals (Acids & Alkalls)	ISO 10545-13	Test methode Available	Class A
Resistance to Staining	ISO 10545- 14	Min Class 3	Min , Class 4

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