

# Tuscany

## Technical Characteristics




















### COHESA

Classification according to EN 14411 Bla Annex G, UGL

Standard

Thickness mm. 6-8,5 - 0.24"-0.3"

Porcelain Tiles

		Typical values	Expected limit values
	Dimensions UNI EN ISO 10545-02	Compliant	Requirements of Standard UNI EN 14411 G
	Water Absorption UNI EN ISO 10545-03	MATT 6mm <= 0,5% MATT 8,5mm <= 0,5% SAFE 8,5mm <= 0,5%	<= 0,5% UNI EN 14411 G
	Breaking Strength UNI EN ISO 10545-04	MATT 6mm > 700 N MATT 8,5mm > 1300 N SAFE 8,5mm > 1300 N	1300 N min UNI EN 14411 G
	Modulus of Rupture UNI EN ISO 10545-04	MATT 6mm > 35 N/mm <sup>2</sup> MATT 8,5mm > 35 N/mm <sup>2</sup> SAFE 8,5mm > 35 N/mm <sup>2</sup>	35 N/mm <sup>2</sup> min UNI EN 14411 G
	Shock Resistance UNI EN ISO 10545-05	Restitution Coefficient  MATT 6mm e > - MATT 8,5mm e > 0,82 SAFE 8,5mm e > 0,82	Available test method  UNI EN 14411 G
	Resistance to Deep Abrasion UNI EN ISO 10545-06	MATT 6mm <= 175 mm <sup>3</sup> MATT 8,5mm <= 175 mm <sup>3</sup> SAFE 8,5mm <= 175 mm <sup>3</sup>	175 mm <sup>3</sup> max UNI EN 14411 G
	Linear Thermal Expansion UNI EN ISO 10545-08	MATT 6mm - MATT 8,5mm 5,5 (10-6 °C-1) SAFE 8,5mm 5,5	Available test method UNI EN 14411 G
	Thermal Shock Resistance UNI EN ISO 10545-09	MATT 6mm Resistant MATT 8,5mm Resistant SAFE 8,5mm Resistant	Available test method UNI EN 14411 G
	Moisture Expansion UNI EN ISO 10545-10	MATT 6mm 0% MATT 8,5mm 0% SAFE 8,5mm 0%	Available test method UNI EN 14411 G
	Frost Resistance UNI EN ISO 10545-12	MATT 6mm Resistant MATT 8,5mm Resistant SAFE 8,5mm Resistant	Required UNI EN 14411 G
	Chemical Resistance UNI EN ISO 10545-13	MATT 6mm A MATT 8,5mm A SAFE 8,5mm A  MATT 6mm LA-HA MATT 8,5mm LA-HA SAFE 8,5mm LB - HB	B Min UNI EN 14411 G  Requirements of Standard
	Stain Resistance UNI EN ISO 10545-14	MATT 6mm Class 4 MATT 8,5mm Class 4 SAFE 8,5mm Class 4	Class 3 min UNI EN 14411 G
	Slip Resistance DIN EN 16165:2021 Annex B	MATT 6mm R10 MATT 8,5mm R10 SAFE 8,5mm R11	Da R9 a R13 DGV REGEL 108-003
	Barefoot Slip Resistance DIN EN 16165:2021 Annex A	MATT 6mmA+B MATT 8,5mmA+B SAFE 8,5mmA+B+C	Da A a C DGV INFO. 207-006 _MARCH2021
	Static Coefficient of Friction ASTM C 1028	MATT 6mmDRY - MATT 8,5mmDRY - SAFE 8,5mmDRY -	WET - WET - WET -
	Dynamic Coefficient of Friction ANSI A326.3	MATT 6mm DRY - MATT 8,5mm DRY ≥ 0,42 SAFE 8,5mm DRY ≥ 0,42	WET - WET ≥ 0,42 WET ≥ 0,42
	Shade Variation	V1	V1 Uniform V2 Low V3 Medium V4 High

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