

Tech specifications

Momento collection

Supply of Town & Country Surfaces porcelain stoneware tiles for walls and floors.

Product characteristics

Town & Country Surfaces full body porcelain stoneware tiles, unglazed, composed of a very fine mixture of quality clay with the addition of feldspar, quartz and kaolin, manufactured by dry pressing of atomized powders and subsequently sintered by industrial firing at temperatures above 1200°C. The complete vitrification of the tiles allows for a compact, non-absorbent, frost-proof product, resistant to bending, impacts, staining, chemical attack and thermal shock.

Compliance with EN 14411-G / ISO 13006-G

The Momento collection is in compliance with the regulations required for first quality products in Italy and Europe UNI EN 14411-G and internationally through ISO 13006-G.

Quality and environmental certifications

The conservation of the product characteristics is guaranteed by the Quality Management System put into practice by Town & Country Surfaces in its plants and certified in accordance with UNI EN ISO 9001. The collection is manufactured in plants with UNI EN ISO 14001 certified Environmental Management Systems (internationally recognized standard) and EMAS (Regulation 1221/09 - eco-management and audit community system). The collection helps to meet the criteria for obtaining LEED credits. The content of "pre-consumer" recycled material is 40%, as certified by a qualified external body (LEED V4 Regulations - MR Credit). The product contains no VOC (volatile organic compounds) and got the GREENGUARD GOLD certification. The Environmental Product Declaration (EPD) is available, this tool communicates clearly the environmental performances of the Momento collection based on its Life Cycle Assessment (LCA).

Antibacterial properties

Thanks to Protect antibacterial technology, the tiles from the Momento collection have continuous, effective and durable protection against the proliferation of bacteria, tested and certified in accordance with ISO 22196 and ASTM E3031. (Not for ROUGH L2-20 mm* surface).

Commercial description of the product				
Company	Town & Country Surfaces (Panariagroup Industrie			
Collection	Ceramiche S.p.A.) Momento 01 WHITE; 02 DESERT; 03			
Colours	EARTH; 04 GRAY; 05 DARK			
Sizes	30X60cm NAT RTT	30X60cm WORN RTT	30x60cm ROUGH RTT	
	60X60cm NAT RTT	60X60cm WORN RTT	60X60cm ROUGH RTT	
	60X120cm NAT RTT	60X120cm WORN RTT	60X120cm ROUGH RTT	60X120 ROUGH L2-20 mm*RTT
Surfaces	NATURAL (NAT), WORN, ROUGH			
Edges	RECTIFIED (RTT)			
Thickness	9,5mm – 20mm (L2)			

Tech specifications Memento collection

Technical features

Product type: full body porcelain stoneware (UGL)

According to: ISO 13006-G (Group BlA), EN 14411-G (Group BlA)

Technical features		Test method	Required values ISO 13006-G, EN 14411-G	Average values Memento
Water absorption		ISO 10545-3	≤ 0.5%	0,05 %
Breaking strength (S)		ISO 10545-4	≥ 1300 N	Thick. 9,5mm: 2.200 N
Modulus of rupture		ISO 10545-4	≥ 35 N/mm ²	Thick. 20mm: 13.600 N
Deep abrasion resistance		ISO 10545-6	≤ 175mm ³	50 N/mm ²
Linear thermal expansion		ISO 10545-8	No provision	145mm ³
Stain resistance		ISO 10545-14	Class 3 Min.	$\alpha \leq 7 \cdot 10^{-6} \text{ }^{\circ}\text{C}^{-1}$
Chemical resistance (*)		ISO 10545-13	As indicated by manufacturer	5 RESISTANT
Frost resistance		ISO 10545-12	No alteration	1A, HA RESISTANT
		ISO 10545-2	± 0,3 %, max ± 1 mm	RESISTANT
Dimensions	Length and width	ISO 10545-2	± 0,3 %, max ± 0,8 mm	COMPLIANT
	Straightness of sides	ISO 10545-2	± 0,3 %, max ± 1,5 mm	COMPLIANT
	Rectangularity	ISO 10545-2	± 0,4 %, max ± 1,8 mm	COMPLIANT
	Warpage	ISO 10545-2	± 5 %, max ± 0,5 mm	COMPLIANT
	Thickness			R9 (Worn)
Slip resistance		DIN EN 16165 – Annex B	-	R10 (Natural)
		DIN EN 16165 – Annex A	-	R11 (Rough – Rough L2-20 mm)
		BCR-TORTUS	-	A+B (Natural)
		ANSI A 363.3	-	A+B+C (Rough – Rough L2-20 mm)
		AS 4586:2013	-	$\mu > 0,40$
		BS 7976:2002	-	ID - DCOF \geq 0.42 (Dry) (Natural, Worn)
Shade variation		ANSI A 137.1 EN 13823	As indicated by manufacturer	IW - DCOF \geq 0.42 (Wet) (Natural, Worn)
Fire reaction		EN 9239-1	CPR (UE) 305/2011, 2000/147/CE,	EW (Rough - Rough L2-20mm)
Thermal conductivity		EN 12524	UNI EN 13501-1	IW+ *** (Natural) P3 (Natural)
Recommended minimum joint (**)		Indoor	-	P4 (Rough - Rough L2-20 mm)
		Outdoor	-	PTV 36+Wet (Sl.96) (Natural)
				PTV 36+Wet (Sl.96 - Sl.55)
				(Rough- Rough L2- 20 mm)
				V3 (01 WHITE, 04 GRAY)
				V4 (02 DESERT; 03 EARTH; 05 DARK)
				Class A1 (wall)
				Class A1fl (floor)
				$\lambda = 1,3 \text{ W/m } ^{\circ}\text{K 2mm}$
				5-6 mm

(*) Excluding hydrofluoric acid and its derivatives.

(**) The width of grout joints must be established by the installation supervisor, unless grout widths are regulated by national laying standards.

(***)With the exception of areas characterized by a higher risk of slipping (such as public showers, indoor swimming pools, etc.) for which an Anti-slip surface is recommended (ROUGH).

MORE INFO:



Town & Country Surfaces
230 Fifth Avenue
Suite 1714
New York NY 10001
General Inquiries:
info@tncsurfaces.com
Phone: 212-679-0312

