



date: 10.11.2018

## Conformity attestation

Altaeco S.p.a - via G. Pascoli, 4/6 - 20010 Vittuone (MI)

**Plant address:** Via Giovanni Pascoli, 4/6 - 20010 Vittuone (MI)  
**Year in which the mark was affixed:** 2011  
**Reference standard:** EN 14411  
**Product classification:** Rectified dry pressed ceramic tiles  
  
**Commercial brand:** CERAMICA BARDELLI  
**Collection name:** PITTORICA – MATRIX - SOFIA  
**Product:** rectified white glazed stoneware  
**Product description:** all shapes and colours  
**Group:** B1b (0,5% < E ≤ 3%)

### CHARACTERISTICS

**Reaction to fire:** A1/A1 fl

**Flexural tensile strength:**

breaking strength	> 1700	N	(for tiles with thickness ≥ 7,5 mm)
modulus of rupture	> 40	N/mm <sup>2</sup>	

**Resistance to thermal shocks:** passed

**Bond strength/adhesion:**

with cementitious adhesives (cl.)	NPD	N/mm <sup>2</sup>
with dispersion adhesives (cl.)	NPD	N/mm <sup>2</sup>
with reaction resins adhesive (cl.)	NPD	N/mm <sup>2</sup>
with mortar	NPD	N/mm <sup>2</sup>

**Slipperiness:**

declared value	R9 - Matrix - Sofia	test method DIN 51130
declared value	R10 - Pittorica	test method DIN 51130
declared value	test method B.C.R.A.	1) = dry (leather)      2) = wet (rubber)
	Pittorica	1) = μ >0,53      2) = μ >0,56
	Matrix - Sofia	1) = μ >NPD      2) = μ >NPD

**Frictional resistance:**

declared value	NPD
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**Durability – freeze/thaw cycle:** passed

**Release of dangerous substances:**

release of Cadmium	NPD	mg/dm <sup>2</sup>
release of Lead	NPD	mg/dm <sup>2</sup>