



date: 10.11.2011

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:	Glazed ceramic tiles dry pressed for internal floorings and wall/ceiling finishes		
Commercial brand:	CERAMICA BARDELLI		
Product:	White glazed stoneware		
Collection name	COLORADO – MINOO – QUEEN – TANGRAM – FABRICS – CORRISPONDENZA		
Product description:	all shapes and colours		
Group:	BIIa (3% < E ≤ 6%)		

CHARACTERISTICS

Reaction to fire:	A1/A1 fl				
Flexural tensile strength:					
breaking strength	> 600	N	(for tiles with thickness < 7,5 mm)		
breaking strength	>	N	(for tiles with thickness ≤ 7,5 mm)		
modulus of rupture	> 28	N/mm ²			
Resistance to thermal shocks:	passed				
Bond strength/adhesion:					
with cementitious adhesives (cl.)	NPD	N/mm ²			
with dispersion adhesives (cl.)	NPD	N/mm ²			
with reaction resines adhesive (cl.)	NPD	N/mm ²			
with mortar	NPD	N/mm ²			
Slipperiness:					
declared value	NPD	(test method NPD)			
declared value	NPD	(test method NPD)			
declared value	1) = μ >NPD 2) = μ >NPD	test method B.C.R.A.	1) = dry (leather) 2) = wet (rubber)		
Frictional resistance:					
declared value	NPD				
Durability – freeze/thaw cycle:	passed				
Release of dangerous substances:					
release of Cadmium	NPD	mg/dm ²			
release of Lead	NPD	mg/dm ²			



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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 ($0,5\% < E \leq 3\%$)

CHARACTERISTICS

Reaction to fire:	A1/A1 fl		
Flexural tensile strength:			
breaking strength modulus of rupture	> 1700 > 40	N N/mm ²	(for tiles with thickness $\geq 7,5$ mm)
Resistance to thermal shocks: passed			
Bond strength/adhesion:			
with cementitious adhesives (cl.)	NPD	N/mm ²	
with dispersion adhesives (cl.)	NPD	N/mm ²	
with reaction resines adhesive (cl.)	NPD	N/mm ²	
with mortar	NPD	N/mm ²	
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) = $\mu > 0,53$	2) = $\mu > 0,56$
	Matrix - Sofia	1) = $\mu > NPD$	2) = $\mu > NPD$
Frictional resistance:			
declared value	NPD		
Durability – freeze/thaw cycle:	passed		
Release of dangerous substances:			
release of Cadmium	NPD	mg/dm ²	
release of Lead	NPD	mg/dm ²	



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Plant address:	Via Giovanni Pascoli, 4/6 - 20010 Vittuone (MI)
Year in which the mark was affixed:	2011
Reference standard:	EN 14411
Product classification:	Glazed ceramic tiles dust pressed for internal/external floorings and wall/ceiling finishes
Commercial brand:	CERAMICA BARDELLI
Product:	Rectified colored body porcelain
Collection name:	PALLADIANA - LINES
Product description:	all shapes and colours
Group:	Bla (E ≤ 0,5%)

CHARACTERISTICS

Reaction to fire:	A1		
Flexural tensile strength:			
breaking strength modulus of rupture	> 1300 > 35	N N/mm ²	(for tiles with thickness ≥ 7,5 mm)
Resistance to thermal shocks:			
Bond strength/adhesion:			
with cementitious adhesives (cl.)	NPD	N/mm ²	
with dispersion adhesives (cl.)	NPD	N/mm ²	
with reaction resines adhesive (cl.)	NPD	N/mm ²	
with mortar	NPD	N/mm ²	
Slipperiness:			
declared value	R9 - Palladiana		(test method DIN 51130)
declared value	R10 - Lines		(test method DIN 51130)
Frictional resistance:	NPD		
declared value			
Durability – freeze/thaw cycle:	passed		
Release of dangerous substances:			
release of Cadmium	NPD	mg/dm ²	
release of Lead	NPD	mg/dm ²	



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Plant address: Via Giovanni Pascoli, 4/6 - Vittuone (MI)**Year in which the mark was affixed:** 2011**Reference standard:** EN 14411**Product classification:** ceramic tiles dust pressed for internal floorings and wall/ceiling finishes, glazed**Commercial brand:** CERAMICA BARDELLI**Product:** double fired ceramic-tiles**Product description:** all shapes, colours and design**Group:** BIII (E > 10%)

CHARACTERISTICS

Reaction to fire: A1/A1 fl**Flexural tensile strength:**

breaking strength	>	N	(for tiles with thickness < 7,5 mm)
breaking strength	> 1000	N	(for tiles with thickness ≥ 7,5 mm)
modulus of rupture	> 27	N/mm ²	

Resistance to thermal shocks: passed**Bond strength/adhesion:**

with cementitious adhesives	(cl.)	NPD	N/mm ²
with dispersion adhesives	(cl.)	NPD	N/mm ²
with reaction resines adhesive	(cl.)	NPD	N/mm ²
with mortar		NPD	N/mm ²

Slipperiness:

declared value	NPD	(test method NPD)
declared value	NPD	(test method NPD)

declared value 1) = μ > NPD 2) = μ > NPD test method B.C.R.A. 1) = dry (leather) 2) = wet (rubber)**Frictional resistance:**

declared value NPD

Durability – freeze/thaw cycle: NPD**Release of dangerous substances:**

release of Cadmium	NPD	mg/dm ²
release of Lead	NPD	mg/dm ²