



date: 10.11.2011

number:7/B

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:	dry pressed ceramic
Commercial brand:	CERAMICA BARDELLI
Product:	Dry pressed ceramic tiles - ONDE
Product description:	all shapes and colours
Group:	BIIa (3%<E≤6%)

CHARACTERISTICS

Reaction to fire:	A1/A1 fl		
Flexural tensile strength:			
breaking strength	> 1200	N	(for tiles with thickness < 7,5 mm)
breaking strength	> 1800	N	(for tiles with thickness ≥ 7,5 mm)
modulus of rupture	> 38	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 resins 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:	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	