

## Declaration of Performance

No. tona-BIa-001

1: Unique identification code of the product type:

**Dry-pressed ceramic tiles, with water absorption  $E_b \leq 0,5\%$**

2: Intended use(s) :

**For internal and external wall and floorings**

3: Name or registered trade mark, and contact address of the manufacturer:

**Tonalite S.p.A.  
Via Costa 8 , 40019 Sant'Agata Bolognese - Italia**

4: System(s) of assessment and verification of constancy of performance (AVCP) :

**Systems 4**

5: Name and identification number of notified laboratory, if relevant:

**Not relevant**

6: Declared performances

<u>Essential characteristics</u>	<u>Performance</u>	<u>Harmonised technical specification</u>
<b>Reaction to fire</b>	<i>A1 - A1<sub>FL</sub></i>	<i>EN 14411</i>
<b>Release of dangerous substance, for:</b>		
<i>Cadmium</i>	<i>NPD</i>	
<i>Lead</i>	<i>NPD</i>	
<b>Breaking strength</b>	<i>&gt;1300 N</i>	
<b>Slipperiness</b>	<i>See table attached</i>	
<b>Tactility</b>	<i>NPD</i>	
<b>Bond strength/adhesion, for:</b>		
<i>Cementitious adhesive, type C2</i>	<i>1 N/mm<sup>2</sup></i>	
<b>Thermal shock resistance</b>	<i>Pass</i>	
<b>Durability for:</b>		
<i>Internal use</i>	<i>Pass</i>	
<i>External use: freeze-thaw resistance</i>	<i>Pass</i>	

The performance of the product identified in point 1 is in conformity with the declared performance in point 6.  
This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.

Signed for and on behalf of the manufacturer by :

**Eng. Pagani Paolo Production Manager**

Place and date of issue

Sant'Agata Bolognese 16/9/2019

Signature



**Table – Slipperiness (where required by regulation)**

	<b>BS 7976-2:2002</b>  <b>+A1:2013</b>	<b>DIN</b> <b>51130</b>  <b>(DE)</b>	<b>DIN 51097:1992</b>	<b>DCOF</b>  <b>ANSI A137.1:2012</b>  <b>(USA)</b>
<b>Test method used</b>	Pendulum MCP C45	Ramp	Pullmeter with Ramp	Dynamic Friction Coefficient
<b>Series</b>	<b>Performance value/class</b>			
AQUAREL	PTV WET: 36 PTV DRY: 55	R10		0,73
EXAMATT		R9		0,75
EXANUANCE				
LINGOTTI	PTV WET: 31 PTV DRY: 48	R9		0,5
NUANCE	PTV WET: 32 PTV DRY: 49			
TRAPEZ GLOSSY				
TRAPEZ MATT	PTV WET: 40 PTV DRY: 53	R9	C (A+B+C)	0,72