



**Porfido**  
**F.LLI Pedretti** s.p.a.

25040 **ESINE** (BS) Italy - via Manzoni, 160  
Tel. 0364 360605 r.a. - 45178 - Fax 0364 45193  
P. IVA N. IT 00553290982  
Reg. Imp. BS e C.F. N. 00303320170  
R.E.A. N. 167357 - Cap. Soc. € 1.000.000,00 i.v.  
info@porfidopedretti.com - [www.porfidopedretti.com](http://www.porfidopedretti.com)



## DECLARATION OF PERFORMANCE N°02

under the CPR 305/2011

1. *Unique identification code of the product-type:*

**n°0A - Slabs and modular tiles of natural stone**

2. *Identification of the construction product:*

- commercial designation: **Porfido Giallogiotto**
- petrographic designation: **Riolite Ignimbritica**
- place of origin: **Trentino Alto Adige – Italia**

3. *Intended use:*

**paving and cladding internal / external**

4. *Name of the manufacturer:*

- registered trade name: **PORFIDO F.LLI PEDRETTI SpA**
- contact address: **Via Manzoni n°160**  
**25040 ESINE (BS)**
- e-mail: [info@porfidopedretti.com](mailto:info@porfidopedretti.com)

5. *Authorised representative:*

**not relevant**

6. *System of assessment and verification of constancy of performance (as set out in Annex V of CPR 305/2011):*

**System 4**

7. *Name and identification number of the notified body:*

**not relevant**

8. *Name and identification number of the Technical Assessment Body:*

**not relevant**

9. Declared performance:

Characteristics		Declares value	Harmonised standard
Reaction to fire		<b>Class A1</b>	EN 1469:2014 EN 12057:2014 EN 12058:2014
Flexural strength	lower expected value	<b>20,9 Mpa</b>	
	mean value	<b>25,0 Mpa</b>	
	standard deviation	<b>2,0 Mpa</b>	
Durability of flexural strength	value later 56 frost cycles	<b>24,6 Mpa</b>	
	value later 20 thermal cycles	<b>22,0 Mpa</b>	
Thermal resistance	mean value	<b>2600 kg/mc</b>	
Apparent density			
Water absorption	maximum value	<b>1,3%</b>	

Additional information for the intended use:

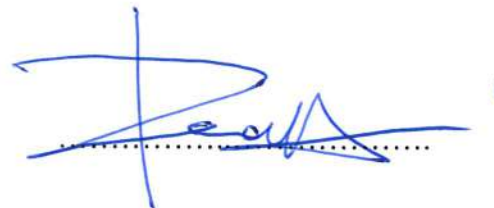
Characteristics		Performance	Test method	
Sound insulation	design value	<b>2500-2700 kg/mc</b>	EN 10456:2007	
Thermal conductivity	design value	<b>2,8 W/(m · K)</b>		
Abrasion resistance	maximum value	<b>17,5 mm</b>	EN 14157:2004	
Thermal shock - change in mass (20 cycles)		<b>-0,13%</b>	EN 14066:2003	
Release hazardous substances	Radioactivity	<b>Not relevant</b>	-	
	Other substances	<b>Not relevant</b>	-	
Chemical resistance		<b>Not relevant</b>	EN 10545-13:1997	
Slip resistance	polished surface	SRV dry	<b>63</b>	EN 14231:2003
		SRV wet	<b>21</b>	
	smoothed surface 120	SRV dry	<b>65</b>	
		SRV wet	<b>30</b>	
	sawn surface	SRV dry	<b>75</b>	
		SRV wet	<b>61</b>	
	Raw surface, roughness > 1 mm		<b>not slippery</b>	EN 12058:2005
sandwaterjet surface		SRV wet	<b>80</b>	EN 14231:2003

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

**This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4. Signed for and on behalf of the manufacturer by:**

*Ettore Pedretti (President)*

Esine, 12/01/2016





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<b>CE</b>	<b>15</b>	<i>Harmonised standard</i>	<b>EN 1469:2014, EN 12057:2014, EN 12058:2014</b>		
		<i>Product (DoP 02):</i>	<b>Slabs and modular tiles of natural stone</b>		
		<i>Intended use:</i>	<b>Paving and cladding internal / external</b>		
		<i>Denomination:</i>	<i>EN 12440:</i>	-	
			<i>Commercial:</i>	<b>Porfido Giallogiotto</b>	
<i>Petrological:</i>	<b>Riolite Ignimbritica</b>				
<i>Place of origin:</i>	<b>Trentino Alto Adige - Italia</b>				
<b>PORFIDO F.LLI PEDRETTI SpA - Via Manzoni n°160 25040 ESINE (BS)</b>					
<i>Characteristics</i>		<i>Declares value</i>		<i>Test method</i>	
Reaction to fire		<b>Class A1</b>		96/603 CE	
Flexural strength	low er expected value	<b>20,9 Mpa</b>		EN 12372:2006	
	mean value	<b>25,0 Mpa</b>			
	standard deviation	<b>2,0 Mpa</b>			
Durability of flexural strength	value later 56 frost cycles	<b>24,6 Mpa</b>		EN 12372:2006	
	value later 20 thermal cycles	<b>22,0 Mpa</b>		EN 12371:2010	
Thermal resistance	mean value	<b>2600 kg/mc</b>		EN 1936:2006	
Apparent density	mean value	<b>2600 kg/mc</b>		EN 1936:2006	
Water absorbtion	maximum value	<b>1,3%</b>		EN 13755:2008	