

DECLARATION OF PERFORMANCE N°03

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 Grigioverde**
- petrographic designation: **Riolite Ignimbrítica**
- 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

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		Class A1	EN 1469:2014 EN 12057:2014 EN 12058:2014
Flexural strength	lower expected value	18,9 Mpa	
	mean value	22,5 Mpa	
	standard deviation	1,8 Mpa	
Durability of flexural strength	mean value before frost	22,5 Mpa	
	mean value later 56 frost cycles	18,6 Mpa	
Thermal resistance	mean value	2525 kg/mc	
Apparent density			
Water absorbtion	mean value	2,1%	

Additional information for the intended use:

Characteristics		Performance		Test method
Sound insulation	design value	2525 kg/mc		EN 10456:2007
Thermal conductivity	design value	2,8 W/(m · K)		
Abrasion resistance	maximum value	19,0 mm		EN 14157:2004
Thermal shock - change in mass (20 cycles)		NPD		EN 14066:2003
Slip resistance	polished surface	SRV dry	63	EN 14231:2003
		SRV wet	21	
	smoothed surface 120	SRV dry	65	
		SRV wet	30	
	sawn surface	SRV dry	75	
		SRV wet	61	
Raw surface, roughness > 1 mm		not slippery		EN 12058:2005

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, 15/07/2016





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



CE	16	<i>Harmonised standard</i>	EN 1469:2014, EN 12057:2014, EN 12058:2014		
		<i>Product (DoP 03):</i>	Slabs and modular tiles of natural stone		
		<i>Intended use:</i>	Paving and cladding internal / external		
		<i>Denomination:</i>	<i>EN 12440:</i>	-	
			<i>Commercial:</i>	Porfido Grigioverde	
<i>Petrological:</i>	Riolite Ignimbritica				
<i>Place of origin:</i>	Trentino Alto Adige - Italia				
PORFIDO F.LLI PEDRETTI SpA - Via Manzoni n°160 25040 ESINE (BS)					
<i>Characteristics</i>		<i>Declares value</i>		<i>Test method</i>	
Reaction to fire		Class A1		96/603 CE	
Flexural strength	lower expected value	18,9 Mpa		EN 12372:2006	
	mean value	22,5 Mpa			
	standard deviation	1,8 Mpa			
Durability of flexural strength	mean value before frost	22,5 Mpa		EN 12372:2006 EN 12371:2010	
	mean value later 56 frost cycles	18,6 Mpa			
Thermal resistance	mean value	2525 kg/mc		EN 1936:2006	
Apparent density					
Water absorption	mean value	2,1%		EN 13755:2008	