

1. Unique identification code of the product-type:
Granite Preto F

2. Type batch or serial number or any other element allowing identification of the construction product as required under Article 11(4):
Pallet/ big bag: (date/ hour), marked on the consignment note.

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

NP EN 1341:2004 – Slabs of natural stone for external paving
NP EN 1342:2004 – Setts natural stone for external paving
NP EN 1343:2005 – Kerbs of natural stone for external paving
NP EN 1469:2006 – Slabs for cladding
NP EN 12057:2006 – Modular tiles
NP EN 12058:2006 – Slabs for floors and stairs

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

GRANITAL – Granitos de Portugal S.A.
Herdade do Chacim, EN 243, km 188, 7350-481 São Vicente e Ventosa
T: (+351) 268 611 109 F: (+351) 268 611 109 ; www.granital.pt

5. Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2): NPD (No Performance Determined)

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:
System 4

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard: NPD (No Performance Determined)

8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment (ETA) has been issued: NPD (No Performance Determined)

9. Declared performance:

ESSENTIAL CHARACTERISTICS	TEST METHOD	PERFORMANCE
PETROGRAPHIC DESCRIPTION	EN 12407:2007	<u>Color</u> : dark grey, mesocrata; <u>Texture</u> : Holocrystalline, Phaneritic, fine grain; <u>Mineralogical Composition</u> : Feldspar and Biotite.
FLEXURAL STRENGTH UNDER CONCENTRATED LOAD	NP EN 12372:2006	Mean Value = 26,4 MPa Minimum Expected Value = 24,5 MPa Standard Deviation = 0,9
FLEXURAL STRENGTH UNDER CONCENTRATED LOAD AFTER DETERMINATION OF FROST RESISTANCE	NP EN 12372:2006 + EN 12371:2010	Mean Value = 27,4 MPa Minimum Expected Value = 24,2 MPa Standard Deviation = 1,6 Nº of Cycles = 56
WATER ABSORPTION AT ATMOSPHERIC PRESSURE	EN 13755:2008	Mean Value = 0,1 %
UNIAXIAL COMPRESSIVE STRENGTH	NP EN 1926:2006	Mean Value = 211 MPa Minimum Expected Value = 166 MPa Standard Deviation = 23
UNIAXIAL COMPRESSIVE STRENGTH AFTER DETERMINATION OF FROST RESISTANCE	NP EN 1926:2006 + EN 12371:2010	Mean Value = 226 MPa Minimum Expected Value = 196 MPa Standard Deviation = 16 N.º of Cycles : 56
FROST RESISTANCE	EN 12371:2010	The 10 samples were submitted to 56 cycles of frost, at which time no changes to the visual level were observed. (Rating 0)
THE ABRASION RESISTANCE ("CAPON")	EN 14157:2004	Mean Value = 15 mm Type of Finish: Sawn
THE SLIP RESISTANCE BY MEANS OF THE PENDULIM TESTER	EN 14231:2003	<u>Dry Conditions</u> Mean Value = 77 SRV
		<u>Wet Conditions</u> Mean Value = 54 SRV Type of Finish: Sawn
REAL DENSITY AND APPARENT DENSITY, AND OF TOTAL AND OPEN POROSITY	EN 1936:2006	Mean Value = 2810 Kg/m ³

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 In behalf of the manufacturer by:

São Vicente e Ventosa, 22 de Setembro de 2014
(PLACE AND DATE OF ISSUE)

(1) Alfredo Salema Reis
(NAME AND FUNCTION)

(1)



(signature)