



YEAR: 2012



GRANITOS HNOS. ORELLANA

EXPLORACION DE CANTERAS Y ELABORACION DE GRANITOS

Street Ortega Muñoz, 12
PO BOX 93

Production: Station Road, Km 3
06450 Quintana de la Serena (Badajoz)

PRODUCTS	USE	REFERENCE STANDARDS
NATURAL STONE TILES	Outdoor paving Outdoor and indoor paving and stairs	EN 1341:2001 EN 12058:2004
NATURAL STONE COBBLESTONES	Outdoor and indoor paving	EN 1342:2001
NATURAL STONE KERBSTONES	Outdoor and indoor paving	EN 1343:2001
NATURAL STONE PANELS	Outdoor and indoor cladding	EN 1469:2004
NATURAL STONE CLADDING	Outdoor and indoor cladding	EN 12057:2004

PRODUCT VARIETY

GREY GRANITE QUINTANA

Finition: **FLAMED / SAWN**

Features	The declared values	Test method
Fire reaction	Class 1	Without test (Decision 96/603/EC)
Flexural strength	Average value.....	16,8 MPa
	Minimum value expected....	16 MPa
	Standard deviation.....	1,4 MPa
	After de frost resistance test	15,7 MPa
Compressive strength	Average value.....	210 MPa
	After de frost resistance test	3 %
Slip resistance	Dry.....	88 URSV
	Wet.....	77 URSV
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Volumetric mass	2660 Kg/m ³	UNE-EN 1936
Resistance to abrasion	16 mm	UNE-EN 1341 Annex C
		UNE-EN 1342 Annex B
Permiability to water vapor	N.P.D.	UNE-EN ISO 12573
Resistance to thermal shock	After 20 cycles	
	Mass loss.....	0,15 %
	Decrease of elastic modulus	12,8 %
Frost resistance	The number of cycles	168
	Behavior in visual inspection at 168 cycles	0 Intact
	Change in dynamic elastic modulus at 168 cycles	-4,48 %
	Change in apparent volume at 168 cycles	0,11 %
Anchoring resistance	Average value.....	2250 N
	Minimum value expected....	1820 N
	Standard deviation.....	324 N

Edition 01

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(*) Data not available, ongoing testing.