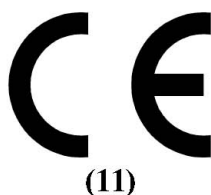
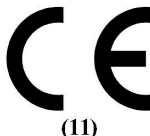


### IMPORTANT NOTICE:

This document has no validity if it is not issued along with the delivery note concerning the product issued by PAVESTONE UNIPESSOAL, LDA.



Number of the reference standards	Products	Final Applications
UNE-EN 1341:2002	Slabs of natural stone	For external applications and pavement finishing intended for paving pedestrian and vehicles passing areas outdoors.
UNE-EN 1342:2003	Setts of natural stone	For external applications and pavement finishing intended for paving pedestrian and vehicles passing areas outdoors
UNE-EN 1343:2003	Kerbs of natural stone	For external applications and pavement finishing intended for paving pedestrian and vehicles passing areas outdoors.
UNE-EN 1469:2005	Natural stone slabs for cladding of walls and vaults	Finishing of both internal and external vaults and wall cladding.
UNE-EN 12057:2005	<ul style="list-style-type: none"> <li>Natural stone modular tiles for pavements and stairs.</li> <li>Natural stone modular tiles for cladding walls and vault</li> </ul>	<ul style="list-style-type: none"> <li>Finishing of internal pavements including those installations for public transportation.</li> <li>Finishing of external pavements intended for pedestrian and vehicle passing areas</li> <li>External or internal finishgin of walls or vaults</li> </ul>
UNE-EN 12058:2005	Slabs of natural stone for floors and stairs	<ul style="list-style-type: none"> <li>Internal pavement finishing.</li> <li>External pavement finishing</li> </ul>
<b>Material:</b> Trade Name: <b>GRANITO AMARELLO SAN MARTINHO</b> Quarrying place: <b>Campinhos (Monção - Portugal)</b>		
CHARACTERISTICS	DECLARED VALUES	TEST METHOD
Aspect	Yellowish colored rock-medium to coarse grain size - granite texture	VISUAL
Petrographic description	Biotite granite	UNE-EN 12407:2007
Bulk density ( $Kg/m^3$ ) - Open porosity (%)	2610 - 0,9	UNE-EN 1936:2007
Reaction to fire (Class)	A1	No test (Decisión 96/603/EC)
Flexural strength		
Average value (MPa)	12	UNE-EN 12372:2007
Standard deviation (MPa)	0,5	
Water absorption at atmosp. pressure Average value (%)	0,3	UNE-EN 13755:2008
Anchorage strength		
Average value of the breaking strength (N)	2300	UNE-EN 13364:2002
Water steam permeability	NPD	UNE-EN 12524:2000
Thermal shock resistance		
Average value of mass variation (%)	-0,04	UNE-EN 14066:2003
Average variation value of the dynamic E-modulus (%)	28,9	
Slipping resistance		
Polish-finished		
Dry USRV	73	UNE-EN 14231:2004
Wet USRV	20	
Home-finished		
Dry USRV	67	
Wet USRV	31	
Icy resistance (Average flexural strength reduction)		
After 48 cycles (%)	10,3	UNE-EN 12371:2011
After 12 cycles (%)	3,5	
Abrasion resistance (Average value of the print width) (mm)	16,3	UNE-EN 14157:2005
Compressive strength		
Average value (MPa)	152	UNE-EN 1926:2007
Standard deviation (MPa)	8	



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UNE-EN 12058:2005	Slabs of natural stone for floors and stairs	<ul style="list-style-type: none"> <li>Internal pavement finishing.</li> <li>External pavement finishing</li> </ul>

**Material:** Trade Name: **GRANTO AMARELLO SAN MARTINHO**  
Quarrying place: **Campinhos (Monção – Portugal)**

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<b>Abrasion resistance (Average value of the print width) (mm)</b>	16,3	UNE-EN 14157:2005
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