



Year: 2018

Natural stone slabs for outside flooring UNI EN 1341:2003  
 Internal and external cladding slabs UNI EN 1469:2005  
 Natural stone cladding tiles UNI EN 12057:2005  
 Internal and external slabs for flooring and stairs UNI EN 12058:2005

## BIANCO AVORIO

**GRASSI PIETRE S.R.L. - Via Madonnetta, 2 - 36024 Nanto (VI)**

Characteristics	Declared value (middle value)	Test method
Petrographic description	Biocalcarenite	UNI EN 12407:2007
Reaction to fire	A1 Class	No test ( see decicion 96/603/CE and flwing change)
Flexural strength ( Th : 40 mm)	4,8 MPa (sp.40mm)	UNI EN 12372:2007
Uniaxial compression strength	28,0 MPa (Mid value)	UNI EN 1926:2007
Frost resistance through modification of compression strength	Uniaxial compression strength variation (after 56 cycles -12°C/+20°C): 4,8 MPa ( 0 %)	UNI EN 12371:2010
Water absorption	10,6%	UNI EN 13755:2008
Apparent volumic mass	1980 Kg/m <sup>3</sup>	UNI EN 1936:2007
Abrasion resistance (Method A)	34,0 mm	UNI EN 14157:2005
Slip resistance (SRV) Finishing: only sawn	85 (wet)	UNI EN 1341:2003
Slip resistance (SRV) Finishing : honed not sealed Finishing: honed sealed * Finishing: Brushed not sealed Finishing: Brushed sealed *	65 (dry) 75 (wet) 69 (dry) 59 (wet) 64 (dry) 68 (wet) 63 (dry) 50 (wet)	UNI EN 14231:2004
Open porosity	17,6%	UNI EN 1936:2007

\*: Sealant by FILA, waterbased sealant + 1 hand of wax



Year: 2018

Natural stone slabs for outside flooring UNI EN 1341:2003  
Internal and external cladding slabs UNI EN 1469:2005  
Natural stone cladding tiles UNI EN 12057:2005  
Internal and external slabs for flooring and stairs UNI EN 12058:2005

## BIANCO AVORIO

**GRASSI PIETRE S.R.L. - Via Madonnetta, 2 - 36024 Nanto (VI)**

Charachteristics	Declared value (middle value)	Test method
Breaking load on anchoring holes : pin diam : 6 mm		UNI EN 13364:2003
Thikness: 30 mm (cross cut)	642 N (middle value)	
Thikness: 30 mm (vein cut)	1254 N (middle value)	
Thikness: 40 mm (cross cut)	779 N (middle value)	
Thikness: 40 mm (vein cut)	1888 N (middle value)	
Breaking load on anchoring holes : Kerf 7 mm		UNI EN 13364:2003
Thikness: 30 mm (cross cut)	338 N (middle value)	
Thikness: 30 mm (vein cut)	483 N (middle value)	
Thikness: 40 mm (cross cut)	538 N (middle value)	
Thikness: 40 mm (vein cut)	1078 N (middle value)	
Resistance to thermal shock :	- 6,1 %	UNI EN 14066:2013
Flexural strength after thermal shock	Flexural strength variation (after 20 cycles +20°C/+70°C): 4,8 MPa ( 0 %)	UNI EN 12372:2007

Tested by: **ECAM - RI.CERT. Spa** – Monte di Malo (VI)