



Year: 2018

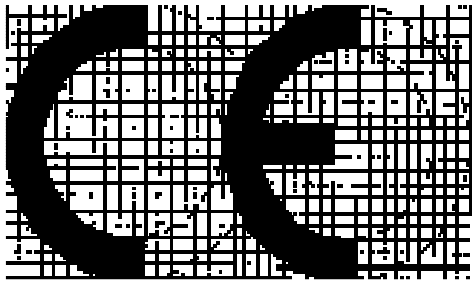
Natural stone slabs for outside flooring UNI EN 1341:2003
 Internal and external cladding slabs UNI EN 1469:2005
 Natural stone cladding tiles UNI EN 12057:2005
 Internal and external slabs for flooring and stairs UNI EN 12058:2005

GRIGIO ARGENTO

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

| Characteristics | Declared value (middle value) | Test method |
|----------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-----------------------------------------------------|
| Petrographic description | Bioscalcarenite | UNI EN 12407:2007 |
| Reaction to fire | A1 Class | No test (see decicion 96/603/CE and flwing change) |
| Flexural strength (Th : 40 mm) | 6,0 MPa (Th : 40 mm) | UNI EN 12372:2007 |
| Uniaxial compression strength | 32,0 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): 5,8 MPa (-3,5%) | UNI EN 12371:2010 |
| Water absorption | 7,7 % | UNI EN 13755:2008 |
| Apparent volumic mass | 2140 kg/m ³ | UNI EN 1936:2007 |
| Abrasion resistance (Method A) | 30,5 mm | UNI EN 14157:2005 |
| Slip resistance (SRV) Finishing: only sawn | 76 (wet) | UNI EN 1341:2003 |
| Slip resistance (SRV) Finishing : honed not sealed Finishing: honed sealed * Finishing: Brushed not sealed Finishing: Brushed sealed * | 60 (dry) 61 (wet) 66 (dry) 55 (wet) 72 (dry) 61 (wet) 63 (dry) 43 (wet) | UNI EN 14231:2004 |
| Open porosity | 12,3% | UNI EN 1936:2007 |

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



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| 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) | 675 N (middle value) | |
| Thikness: 30 mm (vein cut) | 725 N (middle value) | |
| Thikness: 40 mm (cross cut) | 1238 N (middle value) | |
| Thikness: 40 mm (vein cut) | 1442 N (middle value) | |
| Breaking load on anchoring holes : Kerf 7 mm | | UNI EN 13364:2003 |
| Thikness: 30 mm (cross cut) | 396 N (middle value) | |
| Thikness: 30 mm (vein cut) | 372 N (middle value) | |
| Thikness: 40 mm (cross cut) | 942 N (middle value) | |
| Thikness: 40 mm (vein cut) | 844 N (middle value) | |
| Resistance to thermal shock : | - 1,9 % | UNI EN 14066:2013 |
| Flexural strength after thermal shock | Flexural strength variation (after 20 cycles +20°C/+70°C): 5,8 MPa (-3,3 %) | UNI EN 12372:2007 |

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