

Year: 2018

Calcereous agglomerate cement based

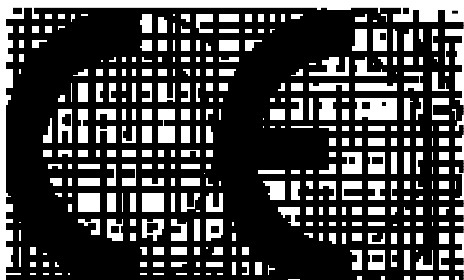
TESTS - ITT - UNI EN 15285:2008

## PIETRANOVA BIANCA (WHITE)

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

Characteristics	Declared value (mid value)	Test method
Material description	Agglomerate cement based	No test
Reaction to fire	A1 Class	UNI EN 13501-1
Flexural strength ( Th : 30 mm)	8,6 MPa (Mid value)	UNI EN 14617-2
Uniaxial compression strength	107 MPa (Mid value)	UNI EN 14617-15
Frost resistance through modification of flexural strength	Flexural strength variation (after 25 cycles -12°C/+20°C): 10,3 MPa (+ 19,7 %)	UNI EN 14617-5
Water absorption	4,9 %	UNI EN 14617-1
Apparent volumic mass	2290 kg/mc	UNI EN 14617-1
Abrasion resistance	22 mm	UNI EN 14157
Slip resistance (SRV) Finishing: only sawn	59 (dry) 56 (wet)	UNI EN 14231
Slip resistance (SRV) Finishing : honed and sealed*  Finishing: Brushed and sealed *	61 (dry) 26 (wet)  60 (dry) 35 (wet)	UNI EN 14231

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



Year: 2018

Calcareous agglomerate cement based

TESTS - ITT – UNI EN 15285:2008

## PIETRANOVA BIANCA (WHITE)

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

Characteristics	Declared value (mid value )	Test method
Breaking load on anchoring holes : pin diam. 6 mm Th 30 mm	1 0 4 2 N (mid value )	UNI EN 14617-8
Breaking load on anchoring holes : Kerf 7 mm Th : 30 mm	7 7 9 N (mid value )	UNI EN 14617-8
Resistance to thermal shock	-0,3 %	UNI EN 14617-6
Flexural strength after thermal shock	Flexural strength variation (after 20 cycles +20°C/+70°C): 10,3 MPa (+ 19,7 %)	UNI EN 14617-2
Impact resistance	3,5 L (J)	UNI EN 14617-9
Static modulus of elasticity average (Eb)	0.032 MPa	UNI EN 14580
Coefficient of linear thermal expansion $\alpha$	$4.8 \times 10^{-6}$	UNI EN 14617-11
Thermal Conductivity	1,7 W/(mK)	UNI EN 15285

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



Year: 2018

Calcareous agglomerate cement based

TESTS - ITT – UNI EN 15285:2008

## PIETRANOVA BIANCA (WHITE)

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

Characteristics	Declared value (mid value )	Test method
Flexural strength Finishing: only sawn	5,7 Mpa (th.40mm)	ASTM C880/880M-15
Determination of Chemical Resistance: Attack with sodium hypochloride solution (20mg/l, 5% W7V) like p.5.2 pool salts Surface: treated	Class A	UNI EN ISO 10545-13:2017 p. 5.2
Determination of the R coefficient Finishing:Honed sliding angle < 1°	Not classifiable	DIN 51130
Determination of the R coefficient Finishing:Brushed sliding angle =14,6°	R10	DIN 51130
Determination of the R coefficient Finishing:Calibrated sliding angle =11°	R10	DIN 51130
Determination of the R coefficient Finishing:Bushhammered+brushed sliding angle =33°	R12	DIN 51130
Determination of the R coefficient Finishing:Bushhammered sliding angle =11°	R13	DIN 51130

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