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R.E.A. RA
180280
capitale sociale
€ 84.000
interamente versato

TEST REPORT

010118 - R - 4286

ANNEX TO THE CERTIFICATE OF CONFORMITY 027/15

PLACE AND DATE OF ISSUE:	Faenza, 04/02/2015
COMPANY:	**F.B.M. – Fornaci Briziarelli Marsciano S.p.A.**
ADDRESS:	Località Fornaci 06055 Marsciano (PG)
TYPE OF PRODUCT:	**Tegola Marsigliese** (tile with sidelock and headlock)
STANDARD APPLIED:	UNI EN 1304, UNI EN 1024, UNI EN 538, UNI EN 539-1, UNI EN 539-2
DECLARED VALUES:	
LENGTH	425 mm
WIDTH	255 mm
CAMBER	0.0 mm
FIXING	Yes
SAMPLING DATE:	12/10/2014
TESTS EXECUTED:	February - March 2015
TESTS EXECUTED AT:	CertiMaC, Faenza

Tests executed by

Ind. Tech. Germano Pederzoli

Ind. Tech. Federica Farina

Drawn up

Dr. Marco Marsigli

Approved

Eng. Luca Laghi

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Ind. Tech. Federica Farina

Drawn up

Dr. Marco Marsigli

Approved

Eng. Luca Laghi

Test	N. specimens	Results	Acceptance limits
Appearance and structure	100		
N. unsatisfactory specimens		0	≤ 5
Flexural strength	10		
Minimum breaking load		2.57 kN	F ≥ 1.20 kN
Average breaking load		3.01 kN	
Maximum breaking load		3.35 kN	
Standard deviation		0.24 kN	
Impermeability	10		Category 1
Maximum impermeability		0.05 $cm^3 cm^{-2} gg^{-1}$	IF ≤ 0.60 $cm^3 cm^{-2} gg^{-1}$
Average impermeability		0.04 $cm^3 cm^{-2} gg^{-1}$	$\overline{IF}$ ≤ 0.50 $cm^3 cm^{-2} gg^{-1}$
			Category 2
			IF ≤ 0.90 $cm^3 cm^{-2} gg^{-1}$
			$\overline{IF}$ ≤ 0.80 $cm^3 cm^{-2} gg^{-1}$
Category of impermeability		1	
Frost resistance, European single test method	6		
Number of cycles carried out without defects		150	≥ 150 (Level 1) ≥ 90 and < 150 (Level 2) ≥ 30 and < 90 (Level 3)
Level		Level 1	
Individual dimensions: Length	10		
Average tolerance		0.2 %	L_T ≤ ± 2.0 %
Minimum tolerance		0.1 %	
Maximum tolerance		0.3 %	
Individual dimensions: Width	10		
Average tolerance		- 1.0 %	I_T ≤ ± 2.0 %
Minimum tolerance		- 0.6 %	
Maximum tolerance		- 1.3 %	
Camber	10		
Average camber		0.3 %	$\overline{R}_L$ ≤ 1.5 %
Minimum camber		0.1 %	
Maximum camber		0.4 %	
Twist	10		
Average twist		0.2 %	C_p ≤ 1.5 %
Minimum twist		0.1 %	
Maximum twist		0.3 %	