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partita iva e  
codice fiscale  
02200460398  
R.E.A. RA  
180280  
capitale sociale  
€ 84.000  
interamente versato

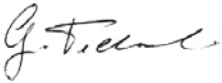
# TEST REPORT

010118 - R - 4292

## ANNEX TO THE CERTIFICATE OF CONFORMITY 033/15

### Tests executed by

Ind. Tech. Germano Pederzoli



Ind. Tech. Federica Farina



### Drawn up

Dr. Marco Marsigli



### Approved

Eng. Luca Laghi



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: **Coppo Piccolo**  
(over and under tile)

STANDARD APPLIED: UNI EN 1304, UNI EN 1024, UNI EN 538,  
UNI EN 539-1, UNI EN 539-2

### DECLARED VALUES:

LENGTH 450 mm  
CAMBER 0.0 mm  
FIXING No

SAMPLING DATE: 12/10/2014

TESTS EXECUTED: February - March 2015

TESTS EXECUTED AT: CertiMaC, Faenza

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Test	N. specimens	Results	Acceptance limits
<b>Appearance and structure</b> N. unsatisfactory specimens	100	0	$\leq 5$
<b>Flexural strength</b> Minimum breaking load Average breaking load Maximum breaking load Standard deviation	10	4.29 kN 5.48 kN 6.65 kN 0.71 kN	$F \geq 1.00 \text{ kN}$
<b>Impermeability</b> Maximum impermeability Average impermeability  Category of impermeability	10	0.04 cm <sup>3</sup> cm <sup>2</sup> gg <sup>-1</sup> 0.03 cm <sup>3</sup> cm <sup>2</sup> gg <sup>-1</sup>  1	<u>Category 1</u> $IF \leq 0.60 \text{ cm}^3 \text{ cm}^{-2} \text{ gg}^{-1}$ $\bar{IF} \leq 0.50 \text{ cm}^3 \text{ cm}^{-2} \text{ gg}^{-1}$ <u>Category 2</u> $IF \leq 0.90 \text{ cm}^3 \text{ cm}^{-2} \text{ gg}^{-1}$ $\bar{IF} \leq 0.80 \text{ cm}^3 \text{ cm}^{-2} \text{ gg}^{-1}$
<b>Frost resistance, European single test method</b> Number of cycles carried out without defects  Level	6	150  Level 1	$\geq 150$ (Level 1) $\geq 90$ and $< 150$ (Level 2) $\geq 30$ and $< 90$ (Level 3)
<b>Individual dimensions: Length</b> Average tolerance Minimum tolerance Maximum tolerance	10	- 0.4 % - 0.3 % - 0.5 %	$L_T \leq \pm 2.0 \%$
<b>Camber</b> Average camber Minimum camber Maximum camber	10	0.1 % 0.0 % 0.2 %	$\bar{R}_L \leq 1.5 \%$
<b>Uniformity of transverse profile</b> Maximum difference between narrow ends Maximum difference between wide ends	10	1.2 mm 1.6 mm	$\Delta E_1 \leq 15.0 \text{ mm}$ $\Delta E_2 \leq 15.0 \text{ mm}$