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02200460398
R.E.A. RA
180280
capitale sociale
€ 84.000
interamente versato

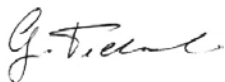
TEST REPORT

010120 - R - 5274

ANNEX TO THE CERTIFICATE OF CONFORMITY 013/17

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, 03/22/2017

COMPANY: **Cottosenese S.p.A.**ADDRESS: Via Fornaci, 55/A
53027 San Quirico d'Orcia (SI)TYPE OF PRODUCT: **Tegola Francigena**
(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	430 mm
WIDTH	250 mm
CAMBER	0.0 mm
FIXING	Yes

SAMPLING DATE: 12/15/2016

TESTS EXECUTED: February - March 2017

TESTS EXECUTED AT: CertiMaC, Faenza

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Test	N. specimens	Results	Acceptance limits
Appearance and structure N. unsatisfactory specimens	100	0	≤ 5
Flexural strength Minimum breaking load Average breaking load Maximum breaking load Standard deviation	10	5.71 kN 6.19 kN 6.76 kN 0.38 kN	$F \geq 1.20 \text{ kN}$
Impermeability Maximum impermeability Average impermeability Category of impermeability	10	0.04 cm ³ cm ² gg ⁻¹ 0.03 cm ³ cm ² gg ⁻¹ 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> $IF \leq 0.90 \text{ cm}^3 \text{ cm}^2 \text{ gg}^{-1}$ $\bar{IF} \leq 0.80 \text{ cm}^3 \text{ cm}^2 \text{ gg}^{-1}$
Frost resistance, European single test method Number of cycles carried out without defects Level	6	150 Level 1	≥ 150 (Level 1) ≥ 90 and < 150 (Level 2) ≥ 30 and < 90 (Level 3)
Individual dimensions: Length Average tolerance Minimum tolerance Maximum tolerance	10	- 0.1 % 0.0 % - 0.2 %	$L_T \leq \pm 2.0 \%$
Individual dimensions: Width Average tolerance Minimum tolerance Maximum tolerance	10	- 0.7 % - 0.2 % - 1.0 %	$I_T \leq \pm 2.0 \%$
Camber Average camber Minimum camber Maximum camber	10	0.8 % 0.8 % 0.9 %	$\bar{R}_L \leq 1.5 \%$
Twist Average twist Minimum twist Maximum twist	10	0.4 % 0.2 % 0.5 %	$C_p \leq 1.5 \%$