

As requested by the company

**“Industrie Cotto Possagno Spa”**

**Via Molinetto, 80**

**Possagno (TV)**

the laboratory Ri.Cert. Spa sampled and tested the aspect of roofing tile materials at the factory “ILCA” – according to the regulations UNI EN 1304 – for product:

**TEGOLA TESI NATURALE**

According to the results of the laboratory examinations and referring to the “technical specifications concerning the Quality Mark of roofing tile products”, the product Tegola TESI Naturale is awarded with this certification:

**CONFORMITY CERTIFICATE N° 019/10**

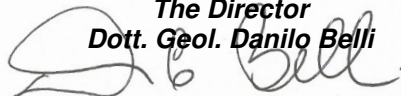
according to UNI EN 1304, UNI EN 1024, UNI EN 538, UNI EN 539-1, UNI EN 539-2

Impermeability:	Method 1 Category 1
Frost resistance:	Method E L3

Monte di Malo, 29<sup>th</sup> march 2010

*This Conformity Certificate has validity for one year from the date of its redaction*

**Building Product Sector  
The Director  
Dott. Geol. Danilo Belli**



**TECHNICAL REPORT**
**REFERENCE: TEST REPORT N. 21417 of 03/29/2010**

<b>MANUFACTURER</b>	Industrie Cotto Possagno Spa
<b>FACTORY</b>	ILCA - POSSAGNO (TV)
<b>PRODUCT</b>	TEGOLA TESI NATURALE
<b>DECLARED DIMENSIONS LENGTH</b>	445 mm
<b>SAMPLING DATE</b>	10/19/2009
<b>NORMATIVE REFERENCES</b>	UNI EN 1304 UNI EN 1024 UNI EN 538 UNI EN 539-1 UNI EN 539-2

TEST	NORMATIVE	N. SPECIMENS	RESULTS	ACCEPTATION REQUIREMENTS
<b>APPEARANCE TEST</b> N. specimens faulty Result	UNI EN 1304	100	0 satisfy	≤ 5% satisfy / not satisfy
<b>DIMENSIONS</b> Length: mean tolerance	UNI EN 1024	10	0 %	$L_t \leq \pm 2\%$
<b>CAMBER</b> Mean camber	UNI EN 1024	10	0,5 %	$R_L \leq \pm 1,5\%$ for $L_T > 300$ mm
<b>REGULARITY OF SHAPE</b> Mean regularity of shape	UNI EN 1024	10	0,3 %	$C \leq \pm 1,5\%$ for $L_T > 300$ mm
<b>FLEXURAL STRENGTH</b> Minimum loading Mean loading	UNI EN 538	10	3,25 kN 4,53 kN	$F \geq 1,2$ kN
<b>IMPERMEABILITY</b> Maximum value Mean value Category	UNI EN 539-1 (method 1)	10	$0,2 \text{ cm}^3 \text{ cm}^{-2} \text{ d}^{-1}$ $0,2 \text{ cm}^3 \text{ cm}^{-2} \text{ d}^{-1}$ 1	<i>Category 1</i> $IF_i \leq 0,6 \text{ cm}^3 \text{ cm}^{-2} \text{ d}^{-1}$ <i>Category 2</i> $IF_i \leq 0,9 \text{ cm}^3 \text{ cm}^{-2} \text{ d}^{-1}$ $IF \leq 0,8 \text{ cm}^3 \text{ cm}^{-2} \text{ d}^{-1}$
<b>FROST RESISTANCE</b> N. cycles Appearance test Level	UNI EN 539-2 (method E)	6	150 passed L3	<i>Level Category</i> L 1: 30 cycles passed L 2: 90 cycles passed L 3: 150 cycles passed

 Monte di Malo, 29<sup>th</sup> march 2010

The Experimenter  
Dott. Andrea Zanrosso  


Building Product Sector  
The Director  
Dott. Geol. Danilo Belli  
