


## Declaration of performance and CE marking

(Regulation No 305/2011/EU)

1. Unique identification code of the product-type: **Porcelain tiles with "TOPCER" marking.**
2. Product type: **Dry pressed porcelain tiles (EN 14411 – Annex G - Group B1a).**
3. Intended use: **For internal or external wall and floorings.**
4. Manufacturer: **TopCer – Indústria de Cerâmica, Lda - Zona Industrial de Oíã – 3770 908 – Oíã – PORTUGAL**
5. Authorized representatives: **None**
6. System of assessment and verification of constancy of performance: **System 4**
7. Construction product covered by harmonized standard: **EN 14411 – Annex G - Group B1a.**
8. European technical assessment: **None**
9. Declared performance:

 08	<b>EN 14411:2012</b> Dry pressed porcelain tiles of group B1a For internal or external wall and floorings	
Essential characteristics	Performance	Test method
Reaction to fire	Class A1 / A1 <sub>FL</sub>	Decision 96/603/CE
Breaking strength Modulus of rupture	> 1300 N R > 35 N/mm <sup>2</sup>	EN ISO 10545-4
Thermal shock resistance	Passed	EN ISO 10545-9
Bond strength / adhesion	a) With cementitious adhesives: 2.0 N/mm <sup>2</sup> b) With dispersion adhesives: 1.6 N/mm <sup>2</sup> c) With reaction resin adhesives: > 2.8 N/mm <sup>2</sup>	EN 1348
Slipperiness	<a href="http://www.topcer.com/technical_data_sheet.htm">http://www.topcer.com/technical_data_sheet.htm</a> <a href="http://www.topcer.com/independent_tests.htm">http://www.topcer.com/independent_tests.htm</a>	
Durability Freeze/thaw resistance	Passed	EN ISO 10545-12
Release of dangerous substances: • Lead • Cadmium	NPD NPD	EN ISO 10545-15

NPD=No performance determined.

10. The performance of TopCer products identified in points 1 and 2 is in conformity with the declared performance in point 9, for intended use specified in point 3. This declaration of performance authorizes CE marking and is issued under the sole responsibility of the manufacturer identified in point 4, based on initial type tests made at CTCV - Portugal, regular tests at independent laboratories and factory production control in conformity with ISO 9001 and ISO 14001 standards. For different applications, please, contact TopCer.

Test reports available at: [http://www.topcer.com/independent\\_tests.htm](http://www.topcer.com/independent_tests.htm)

Signed for and on behalf of the manufacturer by:

The Managing Director

TopCer, 2013-05-31