

# DECLARATION OF PERFORMANCE

REGULATION (EU) No 305/2011 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 9 March 2011

laying down harmonised conditions for the marketing of construction products and repealing Council Directive 89/106/EEC No:2013-1

## Declaration of performance No: 2013-1

|                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UNIQUE PRODUCT ID:                                                                                                                                       | Dry-pressed ceramic tiles, with water absorption $E_b \leq 0,5 \%$                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| THE TYPE, SERIES OR ANOTHER IDENTIFICATION CODE OF THE PRODUCT THAT ENABLES ITS UNIQUE IDENTIFICATION :                                                  | Dry-pressed unglazed /glazed ceramic tiles (UGL / GL) with water absorption $E_b \leq 0,5 \%$ ,<br>EN 14411:2012 Annex G / Group Bla                                                                                                                                                                                                                                                                                                                                                                                                             |
| INTENDED USE OR USES OF THE CONSTRUCTION PRODUCT, IN ACCORDANCE WITH THE APPLICABLE HARMONISED TECHNICAL SPECIFICATION, AS FORESEEN BY THE MANUFACTURER: | This group of products involves unglazed and glazed porcelain tiles for internal & external floors and walls. The range of colors is diverse, with various types of decor in natural variations of shades, which are marked on the packaging. It is necessary to pay attention to information provided on the packaging and producer's technical catalogue before installation of the product ( <a href="http://www.seranit.com.tr">www.seranit.com.tr</a> ) . It is also important to abide by rules for application of construction chemicals. |
| PRODUCER:                                                                                                                                                | SERANİT GRANİT SERAMİK SANAYİ VE TİCARET A.Ş.<br>Address: Meliha Avni Sözen (Ortaklar) Caddesi 34394<br>No:40 Mecidiyeköy-İSTANBUL -TURKEY<br>Phone: +90(212) 340 74 00<br>Fax : +90(212) 258 74 74<br>e-mail: info@seranit.com.tr                                                                                                                                                                                                                                                                                                               |
| ASSESSMENT SYSTEM:                                                                                                                                       | System 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

| Significant Performance                                                                                                                                                                                                                                                                      | Performance                                                                                                            | Harmonized Technical Specification                                                                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| reaction to fire                                                                                                                                                                                                                                                                             | A1 <sub>FL</sub> /A1                                                                                                   | Without testing<br>(Decision 96/03/EC as amended)                                                    |
| breaking strenght                                                                                                                                                                                                                                                                            | Thickness $\geq 7,5$ mm Not less than 1300 N<br>Thickness $< 7,5$ mm Not less than 700 N                               | EN 14411:2012                                                                                        |
| modulus of rupture                                                                                                                                                                                                                                                                           | Minimum 35 N/mm <sup>2</sup><br>Individual minimum 32 N/mm <sup>2</sup>                                                | EN 14411:2012                                                                                        |
| Slipperiness                                                                                                                                                                                                                                                                                 | NPD***                                                                                                                 | CEN/TS 16165                                                                                         |
| Bond strength/adhesion<br>a) cementitious adhesives<br>b) dispersion adhesives<br>c) reaction resin adhesives<br>d) mortar                                                                                                                                                                   | $\geq 0,5$ N/mm <sup>2</sup><br>$\geq 1$ N/mm <sup>2</sup><br>$\geq 2$ N/mm <sup>2</sup><br>Efficiency not ascertained | EN 12004:2007+A1:2012, 4.1<br>EN 12004:2007+A1:2012, 4.2<br>EN 12004:2007+A1:2012, 4.3<br>EN 1015-12 |
| Thermal shock resistance                                                                                                                                                                                                                                                                     | Pass                                                                                                                   | EN 14411:2012                                                                                        |
| Frost Resistance                                                                                                                                                                                                                                                                             | Pass                                                                                                                   | EN 14411:2012                                                                                        |
| *Release of dangerous substances<br>**Lead release<br>**Cadmium release                                                                                                                                                                                                                      | $< 0,1$ mg/dm <sup>2</sup><br>$< 0,01$ mg/dm <sup>2</sup>                                                              | EN ISO 10545-15                                                                                      |
| <p>* Only necessary in the case of materials that come into contact with foodstuffs or when required by corresponding national statutory regulations.</p> <p>** Test conducted by the Notified Body Ceram Research Limited - NB 1289.</p> <p>***The test can be performed when required.</p> |                                                                                                                        |                                                                                                      |

The performance of the product corresponds with the performance declared above. Only the producer is responsible for creating this declaration of performance.

Signed for producer and in the name of producer:

Date:18.06.2013

HAMDİ ALTUNALAN

CONSTRUCTION GROUP CHAIRMAN