


<b>DECLARATION OF PERFORMANCE No</b>	
EN 14411:2017 ed. 3	

1. Unique identification code of the product-type: **Dry pressed ceramic floor and wall tiles absorption  $E_b \leq 0,5\%$**
2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4) **Ceramic tiles declaration: EN 14411:2017 ed. 3, dry-pressed Group BIa, Annex G**
3. Intended use **Group products – ceramic tiles intended for final finishing inner and outer walls and floors**
4. Name, registered trade name and contact address of the manufacturer as required pursuant to Article 11(5): **Trademark KERRANOVA, GRASARO and another Private labels  
LLC «Samarskij Stroyfarfor» 443528, Samara region, Volzhsky district, Stroykeramika settlement**
5. Systems of assessment and verification of constancy of the properties of building products (AVCP): **System 3, System 4**
6. Name and identification number of notified laboratory **Prague Technical and Testing Building Institute, a state enterprise, branch office in Pilsen  
Protocol test match type № 030-058713**

7. Declared performance:

Main characteristics	Results	Requirements EN 14 411 ed.3: 2017
Determination of frost resistance EN ISO 10545-12:2002	<b>satisfies 100 freeze-thaw cycles without visible changes under the following conditions: 15 minutes at <math>-5^{\circ}\text{C}</math> and 15 minutes at <math>+5^{\circ}\text{C}</math>.</b>	<b>product resistant</b>
Breaking strength EN ISO 10545-4:2014	<b>2940 N</b>	<b>min. 1300 N</b>
Modulus of rupture EN ISO 10545-4:2014	<b>50,2 N/mm<sup>2</sup></b>	<b>Individually min. 32 N/mm<sup>2</sup> average min. 35 N/mm<sup>2</sup></b>
Determination of lead and cadmium given off by glazed tiles EN ISO 10545-15:1998	<b>Release of cadmium max. 0,07mg/dm<sup>2</sup> Release of lead max. 0,8 mg/dm<sup>2</sup></b>	<b>Release of cadmium max. 0,07mg/dm<sup>2</sup> Release of lead max. 0,8 mg/dm<sup>2</sup></b>
Slip resistance PCEN/TS 16165:2013	<b>See attached table 1</b>	<b>according to the declaration</b>

8. Product Characteristics (product) specified in paragraphs 1 and 2 correspond to the properties referred to in paragraph 7. This declaration is issued on the properties under the sole responsibility of the manufacturer, referred to in paragraph 4.

Signed by the manufacturer and on its behalf:

General manager LLC «Samarskij Stroyfarfor» \_\_\_\_\_ Misyulya P.A.  
Date and place of issue: \_\_\_\_\_ Samara region, Volzhsky district, Stroykeramika settlement

Table 1 Slip resistance

Rubber: 96, temperature: 21°C

Type of surface	Sample dimension: 300/600 mm	Deviation of pendulum dry surfaces (average from 3 pcs.)	Deviation of pendulum wet surfaces (average from 3 pcs.)
Anti-slip mat	G-41 / AMR / VZ030 190394	68 <sup>*)</sup>	63 <sup>*)</sup>
Matte	G-1101 / MR / VZ030 190395	55 <sup>*)</sup>	20 <sup>*)</sup>
Polished	G-110 / PR / VZ030 190396	57 <sup>*)</sup>	20 <sup>*)</sup>
Sugar-effect	G-1104 / CR / VZ030 190397	55 <sup>*)</sup>	20 <sup>*)</sup>
Lappato	K-900 / LR / VZ030 190398	62 <sup>*)</sup>	20 <sup>*)</sup>
Structured mat	K-1005 / SR / VZ030 190399	52 <sup>*)</sup>	30 <sup>*)</sup>

<sup>\*)</sup>Result is average from 5 measurements on one sample.

Determination of friction – Method of inclined platform – test shoes, barefoot

Type of surface	Sample dimension: 600/600 mm	Critical angle of slip classification according DIN 51097 barefoot classification	Critical angle of slip classification according; DIN 51130 shoes classification
Anti-slip mat	G-41 / AMR / VZ030 190388	23° B	35° R12
Matte	G-1101 / MR / VZ030 190389	11° A	9° R9
Polished	G-110 / PR / VZ030 190390	17° A	8° R9
Sugar-effect	G-1104 / CR / VZ030 190391	21° B	9° R9
Lappato	K-900 / LR / VZ030 190392	23° B	8° R9
Structured mat	K-1005 / SR / VZ030 190393	21° B	18° R10