

**TEST REPORT**  
FR.PK.21.02 / Release Date: 09.09.2016 / Revision Date: 01.03.2018 / Revision No: 02

**Name of The Product** : 60x120 - 30x120x0,7 cm CREMA TRAVERTINO series  
**Production Facility** : Hayal Ceramic  
**Product Group** : Dry-pressed ceramic tiles / Group Bla / GL  
**Special Body for Product** : **Porcelain Body specially mix colored to match its surface design and colours**  
**Recommended Use** : interior & exterior floor  
**Report Date** :15.12.2022

Test Title	Test Results	Requirements	Desicion
<b>Length &amp; Width (mm)</b>	1195 ±1,0 mm 600 ± 1,0 mm 297 ± 1,0 mm	1195 mm kenar için ± 2,0 mm 600 mm kenar için ± 2,0 mm 297 mm kenar için ± 1,5 mm	EN ISO 10545-2
<b>Thickness (mm)</b>	7,0 mm (±0,3)	±%5,0	EN ISO 10545-2
<b>Straightness of Sides (%)</b>	< %0,2	± %0,5	EN ISO 10545-2
<b>Rectangularity (%)</b>	< %0,2	± %0,6	EN ISO 10545-2
<b>Edge Curvature (%)</b>	< %0,2	± %0,5	EN ISO 10545-2
<b>Corner Curvature (%)</b>	< %0,2	± %0,5	EN ISO 10545-2
<b>Center Curvature (%)</b>	< %0,2	± %0,5	EN ISO 10545-2
<b>Small Colour Differences</b>	> %95 perfect	> %95 perfect	EN ISO 10545-16
<b>Water Absorption</b>	< 0,1 %	≤ 0,5 %	EN ISO 10545-3
<b>Breaking Strength (N)</b>	> 1300N	> 700N	EN ISO 10545-4
<b>Bending Strength (N / mm<sup>2</sup>)</b>	40 N/mm <sup>2</sup>	35 N/mm <sup>2</sup>	EN ISO 10545-4
<b>Abrasion Resistance (PEI) (only for matt surfaces)</b>	III	As declared	EN ISO 10545-7
<b>Coeff. Of Thermal Expansion</b>	< 9,0 x 10 <sup>-6</sup>	As declared	EN ISO 10545-8
<b>Thermal Shock Resistance</b>	Resistant	Required	EN ISO 10545-9
<b>Crazing Resistance</b>	Resistant	Required	EN ISO 10545-11
<b>Frost Resistance</b>	Resistant	Required	EN ISO 10545-12
<b>Slippery Resistance</b>	Matt: R-9 Semi: ---	As declared	DIN 51130:20045
<b>Pendulum Test</b>	Mat. Dry: Min. 80 Wet: Min. 25	As declared	BS 7679: Parts1-3, 2002 ( with four S Rubber )
<b>Moisture Expansion (mm/m)</b>	< 0,3	As declared	EN ISO 10545-10
<b>Staining Resistance</b>	Class 5	Min. Class 3	EN ISO 10545-14
<b>Acid &amp; Alkali Resistance</b>	GLA	As declared	EN ISO 10545-13
<b>Household Chemicals</b>	GA	Min. GB	EN ISO 10545-13
<b>Release of Cadmium</b>	< 0,005 mg/dm <sup>2</sup>	As declared	EN ISO 10545-15
<b>Release of Lead</b>	< 0,005 mg/dm <sup>2</sup>	As declared	EN ISO 10545-15
<b>OVERALL RESULT</b>	All test results are positive according to the norms of TS EN 14411 (ISO 13006) standards, Annex G.		

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