

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

Name of The Product : 60x120X2 cm and 30x120x2 cm.OVERLAND series  
 Production Facility : Hayal Ceramic  
 Product Group : Dry-pressed ceramic tiles / Group Bla / GL  
**Special Body for Product** : Coloured Mixture Appropriate to Design Color (Salt&pepper body)  
 Recommended Use : interior & exterior floor  
 Report Date :01.01.2020

Test Title	Test Results	Requirements	Test Method
Length & Width (mm)	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
Thickness (mm)	20,0 mm (±0,4)	±%5,0	EN ISO 10545-2
Straightness of Sides (%)	< %0,2	± %0,5	EN ISO 10545-2
Rectangularity (%)	< %0,2	± %0,6	EN ISO 10545-2
Edge Curvature (%)	< %0,2	± %0,5	EN ISO 10545-2
Corner Curvature (%)	< %0,2	± %0,5	EN ISO 10545-2
Center Curvature (%)	< %0,2	± %0,5	EN ISO 10545-16
Small Colour Differences	> %95 perfect	> %95 perfect	EN ISO 10545-3
Water Absorption	< 0,1 %	≤ 0,5 %	EN ISO 10545-4
Breaking Strength (N)	> 9500N	> 1300N	EN ISO 10545-4
Abrasion Resistance (PEI) (only for matt surfaces)	Antracite III	As declared	EN ISO 10545-7
Coeff. Of Thermal Expansion	< 9,0 x 10 <sup>-6</sup>	As declared	EN ISO 10545-8
Thermal Shock Resistance	Resistant	Required	EN ISO 10545-9
Crazing Resistance	Resistant	Required	EN ISO 10545-11
Frost Resistance	Resistant	Required	EN ISO 10545-12
Slippery Resistance	Matt: R-11	As declared	DIN 51130:20045
Pendulum Test	Mat. Dry: Min. 65 Wet: Min. 55	As declared	BS 7679: Parts1-3, 2002 ( with four S Rubber )
Moisture Expansion (mm/m)	< 0,3	As declared	EN ISO 10545-10
Staining Resistance	Class 5	Min. Class 3	EN ISO 10545-14
Acid & Alkali Resistance	GLA	As declared	EN ISO 10545-13
Household Chemicals	GA	Min. GB	EN ISO 10545-13
Release of Cadmium	< 0,005 mg/dm <sup>2</sup>	As declared	EN ISO 10545-15
Release of Lead	< 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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