

TEST REPORT

FPK.07.21/ Release Date: 10.07.2016 / Revision Date: 01.03.2018 / Revision No: 02

Name of The Product : 2 cm LUNA series
Production Facility : Hayal Ceramic 1.Facility
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

Test Title	Test Results	Requirements	Desicion
Length & Width (mm)	600 ±1 mm 300 ± 1 mm 1195 ± 1 mm	for 600 mm side ± 2,0 mm for 1200 mm side ± 2,0 mm	OK
Thickness (mm)	20,00 mm	± % 5,0	OK
Straightness of Sides (%)	< %0,2	± %0,5	OK
Rectangularity (%)	< %0,2	± %0,6	OK
Edge Curvature (%)	< %0,2	± %0,5	OK
Corner Curvature (%)	< %0,2	± %0,5	OK
Center Curvature (%)	< %0,2	± %0,5	OK
Small Colour Differences	> %95 perfect	> %95 perfect	OK
Water Absorption	< 0,1 %	≤ 0,5 %	OK
Breaking Strength (N)	> 9500N	> 1300 N	OK
Abrasion Resistance (PEI)	Ash III Cool Grey, IV Mid Grey, Sand IV	As declared	OK
Coeff. Of Thermal Expansion	< 9,0 x 10 ⁻⁶	As declared	OK
Thermal Shock Resistance	Resistant	Required	OK
Crazing Resistance	Resistant	Required	OK
Frost Resistance	Resistant	Required	OK
Slippery Resistance DIN 51130:20045	Matt: R-11	As declared	OK
Pendulum Test BS 7679: Parts1-3, 2002 (with four S Rubber)	Mat. Dry: Min. 65 Wet: Min. 55	As declared	OK
Moisture Expansion (mm/m)	< 0,3	As declared	OK
Staining Resistance	Sınıf 5	Min. Class 3	OK
Acid & Alkali Resistance	GLA	As declared	OK
Household Chemicals	GA	Min. GB	OK
Release of Cadmium	< 0,005 mg/dm ²	As declared	OK
Release of Lead	< 0,005 mg/dm ²	As declared	OK
OVERALL RESULT	All test results are positive according to the norms of TS EN 14411 standards, Annex G.		

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