

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

Name of The Product : 60x60x2 cm LUNA 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 : 10.01.2019

Test Title	Test Results	Requirements	Test Method
Length & Width (mm)	597 ±1 mm	600 mm. for side ± 2,0 mm	EN ISO 10545-2
Thickness (mm)	20,00 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 10545-2
Small Colour Differences	> %95 perfect	> %95 perfect	EN ISO 10545-16
Water Absorption	< 0,1 %	≤ 0,5 %	EN ISO 10545-3
Breaking Strength (N)	> 9500N	> 1300 N	EN ISO 10545-4
Abrasion Resistance (PEI)	Night,Copper,Taupe III Cool Grey, Mid Grey,Sand IV Off White V	As declared	EN ISO 10545-7
Coeff. Of Thermal Expansion	< 9,0 x 10 ⁻⁶	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 Semi Lap. ---	As declared	DIN 51130:20045
Pendulum Test	Mat. Dry: Min. 65 Wet: Min. 55 Semi Lap. ---	As declared	BS 7679: Parts 1-3, 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 ²	As declared	EN ISO 10545-15
Release of Lead	< 0,005 mg/dm ²	As declared	EN ISO 10545-15
OVERALL RESULT	All test results are positive according to the norms of TS EN 14411 (ISO 13006) standards, Annex G.		

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