

# bien TEST REPORT

fks.15.02 / 01.02.2012

Name of The Product : 30x90 Juno Series Rec.  
Production Facility : Wall Tile Factory  
Product Group : Dry-pressed ceramic tiles / Group BIII / GL  
Recommended Use : Interior walls  
General Properties : Glossy  
Report Date : 16.09.2024

Test Title	Test Results	Requirements	Decision
Length & Width (mm)	300,0 x 900,0 mm	299,8 – 300,2 mm 899,8 – 900,2 mm	OK
Thickness (mm)	8,0 mm	7,7 – 8,3 mm	OK
Straightness of Sides (%)	± %0,2	± %0,3	OK
Rectangularity (%)	± %0,2	± %0,5	OK
Edge Curvature (%)	± %0,2	+ %0,5 / - %0,3	OK
Corner Curvature (%)	± %0,2	± %0,5	OK
Center Curvature (%)	± %0,2	+ %0,5 / - %0,3	OK
Small Colour Differences	First Quality	> %95 perfect	OK
Water Absorption	>13 % - <15 %	10 % < E ≤ 20 %	OK
Breaking Strength (N)	> 900 N	> 600 N	OK
Modulus of Rupture (N/mm <sup>2</sup> )	> 22 N/mm <sup>2</sup>	> 15 N/mm <sup>2</sup>	OK
Coeff. Of Thermal Expansion	< 7,0 x 10 <sup>-6</sup>	As declared	OK
Thermal Shock Resistance	Resistant	Required	OK
Crazing Resistance	Resistant	Required	OK
Frost Resistance	Resistant	Required	OK
Coefficient of Friction (μ)	~0,62	As declared	OK
Moisture Expansion (mm/ m)	< 0,3	As declared	OK
Impact Resistance	Resistant	As declared	OK
Staining Resistance	Class 5	Min. Class 3	OK
Resistance to low conc. of Acid & Alkalis	A	As declared	OK
Resistance to high conc. of Acid & Alkalis	B	As declared	OK
Household Chemicals	A	Min. B	OK
Release of Cadmium	< 0,07 mg/dm <sup>2</sup>	As declared	OK
Release of Lead	< 0,8 mg/dm <sup>2</sup>	As declared	OK
<b>OVERALL RESULT</b>	All test results are positive according to the norms of ISO 13006 and EN 14411 standards, Annex L.		

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