

**bien** TEST REPORT  
FKS.15.02 / 01.02.2012

Name of The Product : 40x40 Maxi Mat White  
Production Facility : Floor Tile Factory  
Product Group : Dry-pressed ceramic tiles / Group Blb /GL

Test Title	Test Results	Requirements	Desicion
Length & Width (mm)	399,7 x 400,5	396,0 – 402,4	OK
Thickness (mm)	7,8	7,6 – 8,0	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 Choice	> %95 perfect	OK
Water Absorption	2,55 %	0,5 % < E ≤ 3,0 %	OK
Breaking Strength (N)	>1250 N	> 1100 N	OK
Modulus of Rupture (N/mm <sup>2</sup> )	> 31,0 N/mm <sup>2</sup>	> 30 N/mm <sup>2</sup>	OK
Abrasion Resistance (PEI)	IV	As declared	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	Available	OK
Coefficient of Friction (μ)	60,0	As reported	OK
Moisture Expansion (mm/m)	< 0,3	As declared	OK
Impact Resistance	Resistant	As declared	OK
Staining Resistance	Class 5	Min. class 3	OK
Acid & Alkali Resistance	LA	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 H.		

**Approved by**  
Ahmet Pehlivan  
Quality Assurance Manager