

Name of The Product : 40x40 Imperial Series
Production Facility : Floor Tile Factory
Product Group : Dry-pressed ceramic tiles / Group B11a /GL

Test Title	Test Results	Requirements	Decision
Length & Width (mm)	398,5 x 399,1	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	4,10 %	3,0 % < E ≤ 6,0 %	OK
Breaking Strength (N)	>1250 N	> 1000 N	OK
Modulus of Rupture (N/mm ²)	> 30,0 N/mm ²	> 22 N/mm ²	OK
Abrasion Resistance (PEI)	White:IV Grey: III	As declared	OK
Coeff. Of Thermal Expansion	< 7,0 x 10 ⁻⁶	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 ²	As declared	OK
Release of Lead	< 0;8 mg/dm ²	As declared	OK
OVERALL RESULT	All test results are positive according to the norms of ISO 13006 and EN 14411 standards, Annex J.		

Approved by
Ahmet Pehlivan
Quality Assurance Manager