

Name of The Product : 20x40 Reflex Series  
Production Facility : Wall Tile Factory  
Product Group : Dry-pressed ceramic tiles / Group BIII / GL  
Recommended Use : Interior walls  
General Properties : Mat  
Report Date : 30.01.2025

Test Title	Test Results	Requirements	Desicion
Length & Width (mm)	199,5 x 200,2 mm 399,3 x 400,0mm	199,1 – 201,0 mm 398,5 – 400,5 mm	OK
Thickness (mm)	7,0 mm	6,7 – 7,3 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)	> 400 N	> 200 N	OK
Modulus of Rupture (N/mm <sup>2</sup> )	> 20 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	B	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
OVERALL RESULT	All test results are positive according to the norms of ISO 13006 and EN 14411 standards, Annex L.		

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