

bien TEST REPORT

fks.15.02 / 01.02.2012

Name of The Product : 40x120 Nidus Decafon Series Rec.
Production Facility : Wall Tile Factory
Product Group : Dry-pressed ceramic tiles / Group BIII / GL
Recommended Use : Interior walls
General Properties : Mat
Report Date : 2.12.2023

Test Title	Test Results	Requirements	Desicion
Length & Width (mm)	400x1200 mm	399,8 – 400,2 mm 1199,8 – 1200,2 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 ²)	> 22 N/mm ²	> 15 N/mm ²	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	Required	OK
Coefficient of Friction (μ)	~62,0	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 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 L.		

Prepared by
Kağan Kurnaz
Quality Assurance Staff



Approved by
Ahmet Pehlivan
Quality Assurance Manager

