

# bien TEST REPORT

fks.15.02 / 01.02.2012

**Name of The Product** : 20x120 Eleganza Walnut  
**Production Facility** : Glazed Porcelain Factory  
**Product Group** : Dry-pressed ceramic tiles / Group Bla / GL  
**Recommended Use** : Interior & exterior floor  
**General Properties** : Mat  
**Report Date** : 11.04.2024

Test Title	Test Results	Requirements	Decision
Length & Width (mm)	198,8 x 199,2 mm 1196,9 x 1198,4 mm	194,5 – 199,5 mm 1194,3 – 1199,7 mm	OK
Thickness (mm)	9,0 mm	8,7 – 9,3 mm	OK
Straightness of Sides (%)	± 0,2	± 0,5	OK
Rectangularity (%)	± 0,2	± 0,6	OK
Edge Curvature (%)	± 0,2	± 0,5	OK
Corner Curvature (%)	± 0,2	± 0,5	OK
Center Curvature (%)	± 0,2	± 0,5	OK
Small Colour Differences	First Quality	> %95 perfect	OK
Water Absorption	< 0,1 %	≤ 0,5 %	OK
Breaking Strength (N)	> 1700 N	>1300 N	OK
Modulus of Rupture (N/m m <sup>2</sup> )	>49 N/mm <sup>2</sup>	> 35 N/mm <sup>2</sup>	OK
Abrasion Resistance (PEI)	V	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	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	A	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 G.		

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