

Length and WidthRecitangularityCompliantStraigtness of Sides(Compliant)Rectangularity(Compliant)Surface Flatness(Compliant)Surface Quality(Compliant)WarpageASTM C485Warpage(Compliant)Wedging(ASTM C502)Water Absorption(SO 10545-3)Water Absorption(SO 10545-3)Surface Hardness (Mohs)(ISO 10545-3)Surface Hardness (Mohs)(ISO 10545-4)Surface Hardness (Mohs)(ISO 10545-6)Coefficient of Linear Thermal Expansion(ISO 10545-6)Coefficient of Linear Thermal Expansion(ISO 10545-6)Chemical Resistance(ISO 10545-7)Chemical Resistance (Low Concentration)(ISO 10545-7)Chemical Resistance(ISO 10545-7)Chemical Resistance(ISO 10545-7)Chemical Resistance(ISO 10545-7)Chemical Resistance(ISO 10545-7)Chemical Resistance(ISO 10545-7)Chemical Resistance(ISO 10545-7)Chemical Resistance <th>Features</th> <th>Test Method</th> <th>Value</th>	Features	Test Method	Value
Straightness of Sides ISO 10545-2 Compliant Rectangularity Compliant Compliant Surface Flatness Compliant Compliant Surface Quality Compliant Compliant Warpage ASTM C485 Compliant Wedging ASTM C502 Compliant Wedging ASTM C502 Compliant Water Absorption ISO 10545-3 <0.5% Modulus of Rupture / Bending Strength ISO 10545-4 >35 N/mm2 Surface Hardness (Mohs) UNI EN - 101 7 Surface Hardness (Mohs) UNI EN - 101 7 Resistance to Surface Abrasion ISO 10545-6 <150 MM ³ Coefficient of Linear Thermal Expansion ISO 10545-8 <9MK ¹ Chemical Resistance ISO 10545-9 Resistant Chemical Resistance (Jour Concentration) ISO 10545-13 UA Chemical Resistance (Ling Concentration) ISO 10545-13 from ULA to ULB Chemical Resistance (Migh Concentration) ISO 10545-14 UA Stain Resistance ISO 10545-13 From ULA to ULB <th>Length and Width</th> <th rowspan="6">- - - ISO 10545-2</th> <th>Compliant</th>	Length and Width	- - - ISO 10545-2	Compliant
Rectangularity ISO 10545-2 Compliant Surface Flatness Compliant Surface Quality Compliant Warpage ASTM C485 Compliant Wedging ASTM C502 Compliant Wedging ASTM C502 Compliant Water Absorption ISO 10545-3 <0.5% Modulus of Rupture / Bending Strength ISO 10545-4 >35 N/mm2 Breaking Strength - >1300 N Surface Hardness (Mohs) UNI EN - 101 7 Resistance to Surface Abrasion ISO 10545-6 <150 MM ³ Coefficient of Linear Thermal Expansion ISO 10545-8 <9MK ¹ Thermal Shock Resistance ISO 10545-9 Resistant Chemical Resistance (Domestic) ISO 10545-12 Resistant Chemical Resistance (Line Concentration) ISO 10545-13 UA Chemical Resistance (High Concentration) ISO 10545-14 Class 5 D.C.O.F. (WET) Slip Resistance ISO 10545-14 Class 5 D.C.O.F. (WET) Slip Resistance ISO 10545-14 Class 5	Thickness		Compliant
RectangularityCompliantSurface FlatnessCompliantSurface QualityCompliantWarpageASTM C485WedgingASTM C502Water AbsorptionISO 10545-3Water AbsorptionISO 10545-3Modulus of Rupture / Bending StrengthISO 10545-4Breaking Strength-Surface Hardness (Mohs)UNI EN - 101Surface Hardness (Mohs)UNI EN - 101Coefficient of Linear Thermal ExpansionISO 10545-6Coefficient of Linear Thermal ExpansionISO 10545-9ResistanceISO 10545-12Chemical ResistanceISO 10545-12Chemical ResistanceISO 10545-13Chemical ResistanceISO 10545-14Chemical ResistanceISO 10545-14Stain ResistanceISO 10545-14Class 5ISO 10545-14Class 5ANSI A137.1O.C.O.F. (WET) Slip Resistance—Maxima Content—20%	Straightness of Sides		Compliant
Surface QualityCompliantWarpageASTM C485CompliantWedgingASTM C502CompliantWater AbsorptionISO 10545-3<0.5%Modulus of Rupture / Bending StrengthISO 10545-4>35 N/mm2Breaking StrengthISO 10545-4>1300 NSurface Hardness (Mohs)UNI EN - 1017Resistance to Surface AbrasionISO 10545-6<150 MM³Coefficient of Linear Thermal ExpansionISO 10545-8<9MK¹Thermal Shock ResistanceISO 10545-9ResistantChemical Resistance (Domestic)UAUAChemical Resistance (High Concentration)ISO 10545-13Irom ULA to ULBStain ResistanceISO 10545-14Class 5D.C.O.F. (WET) Slip ResistanceANSI A137.10.62Recycled Content—20%	Rectangularity		Compliant
WarpageASTM C485CompliantWedgingASTM C502CompliantWater AbsorptionISO 10545-3<0.5%Modulus of Rupture / Bending StrengthISO 10545-4> 35 N/mm2Breaking Strength-> 1300 NSurface Hardness (Mohs)UNI EN - 1017Resistance to Surface AbrasionISO 10545-6<150 MM3Coefficient of Linear Thermal ExpansionISO 10545-8<9MK*1Thermal Shock ResistanceISO 10545-9ResistantFrost Resistance (Domestic)ISO 10545-12ResistantChemical Resistance (Low Concentration)ISO 10545-13UAStain ResistanceISO 10545-14Class 5D.C.O.F. (WET) Slip ResistanceANSI A137.10.62Recycled Content—≥ 20%	Surface Flatness		Compliant
WedgingASTM C502CompliantWater AbsorptionISO 10545-3<0.5%Modulus of Rupture / Bending StrengthISO 10545-4>35 N/mm2Breaking Strength->1300 NSurface Hardness (Mohs)UNI EN - 1017Resistance to Surface AbrasionISO 10545-6<150 MM3Coefficient of Linear Thermal ExpansionISO 10545-8<9MK1Thermal Shock ResistanceISO 10545-9ResistantFrost Resistance (Domestic)UAUAChemical Resistance (Low Concentration)ISO 10545-13UAStain ResistanceISO 10545-14Class 5D.C.O.F. (WET) Slip ResistanceANSI A137.10.62Recycled Content—≥20%	Surface Quality		Compliant
Water AbsorptionISO 10545-3Modulus of Rupture / Bending StrengthISO 10545-4> 35 N/mm2Breaking Strength-> 1300 NSurface Hardness (Mohs)UNI EN - 1017Resistance to Surface AbrasionISO 10545-6< 150 MM3Coefficient of Linear Thermal ExpansionISO 10545-8<9MK¹Thermal Shock ResistanceISO 10545-9ResistantFrost Resistance (Domestic)UNI EN - 101UAChemical Resistance (Low Concentration)ISO 10545-13UAChemical ResistanceISO 10545-13from ULA to ULBStain ResistanceISO 10545-14Class 5D.C.O.F. (WET) Slip ResistanceANSI A137.10.62Recycled Content—≥ 20%	Warpage	ASTM C485	Compliant
Modulus of Rupture / Bending StrengthISO 10545-4> 35 N/mm2Breaking Strength-> 1300 NSurface Hardness (Mohs)UNI EN - 1017Resistance to Surface AbrasionISO 10545-6<150 MM3	Wedging	ASTM C502	Compliant
Breaking Strength - > 1300 N Surface Hardness (Mohs) UNI EN - 101 7 Resistance to Surface Abrasion ISO 10545-6 < 150 MM ³ Coefficient of Linear Thermal Expansion ISO 10545-8 <9MK ⁻¹ Thermal Shock Resistance ISO 10545-9 Resistant Frost Resistance ISO 10545-12 Resistant Chemical Resistance (Domestic) UA UA Chemical Resistance (Iso Concentration) ISO 10545-13 UA Stain Resistance ISO 10545-14 Class 5 D.C.O.F. (WET) Slip Resistance ANSI A137.1 0.62 Recycled Content — ≥ 20%	Water Absorption	ISO 10545-3	<0.5%
Surface Hardness (Mohs)UNI EN - 1017Resistance to Surface AbrasionISO 10545-6< 150 MM³Coefficient of Linear Thermal ExpansionISO 10545-8<9MK¹Thermal Shock ResistanceISO 10545-9ResistantFrost ResistanceISO 10545-12ResistantChemical Resistance (Domestic)ISO 10545-13UAChemical Resistance (High Concentration)ISO 10545-13Ifrom ULA to ULBStain ResistanceISO 10545-14Class 5D.C.O.F. (WET) Slip ResistanceANSI A137.10.62Recycled Content—≥ 20%	Modulus of Rupture / Bending Strength	ISO 10545-4	> 35 N/mm2
Resistance to Surface AbrasionISO 10545-6< 150 MM³	Breaking Strength	-	> 1300 N
Coefficient of Linear Thermal ExpansionISO 10545-8SelectionISO 10545-9ResistantThermal Shock ResistanceISO 10545-9ResistantFrost ResistanceISO 10545-12ResistantChemical Resistance (Domestic)Thermal Resistance (Low Concentration)ISO 10545-13UAChemical Resistance (High Concentration)ISO 10545-13Therma ULA to ULBStain ResistanceISO 10545-14Class 5D.C.O.F. (WET) Slip ResistanceANSI A137.10.62Recycled Content	Surface Hardness (Mohs)	UNI EN - 101	7
Thermal Shock ResistanceISO 10545-9ResistantFrost ResistanceISO 10545-12ResistantChemical Resistance (Domestic)Marce (Domestic)UAChemical Resistance (Low Concentration)ISO 10545-13from ULA to ULBChemical Resistance (High Concentration)From USO 10545-14Class 5Stain ResistanceISO 10545-14Class 5D.C.O.F. (WET) Slip ResistanceANSI A137.10.62Recycled Content—≥ 20%	Resistance to Surface Abrasion	ISO 10545-6	< 150 MM ³
Frost ResistanceISO 10545-12ResistantChemical Resistance (Domestic)UAChemical Resistance (Low Concentration)ISO 10545-13from ULA to ULBChemical Resistance (High Concentration)From UHA to UHBStain ResistanceISO 10545-14Class 5D.C.O.F. (WET) Slip ResistanceANSI A137.10.62Recycled Content—≥ 20%	Coefficient of Linear Thermal Expansion	ISO 10545-8	<9MK ⁻¹
Chemical Resistance (Domestic)UAChemical Resistance (Low Concentration)ISO 10545-13Irom ULA to ULBChemical Resistance (High Concentration)From UHA to UHBIrom UHA to UHBStain ResistanceISO 10545-14Class 5D.C.O.F. (WET) Slip ResistanceANSI A137.10.62Recycled Content—≥ 20%	Thermal Shock Resistance	ISO 10545-9	Resistant
Chemical Resistance (Low Concentration)ISO 10545-13from ULA to ULBChemical Resistance (High Concentration)From UHA to UHBFrom UHA to UHBStain ResistanceISO 10545-14Class 5D.C.O.F. (WET) Slip ResistanceANSI A137.10.62Recycled Content—≥ 20%	Frost Resistance	ISO 10545-12	Resistant
Chemical Resistance (High Concentration) From UHA to UHB Stain Resistance ISO 10545-14 Class 5 D.C.O.F. (WET) Slip Resistance ANSI A137.1 0.62 Recycled Content — ≥ 20%	Chemical Resistance (Domestic)	ISO 10545-13	UA
Stain ResistanceISO 10545-14Class 5D.C.O.F. (WET) Slip ResistanceANSI A137.10.62Recycled Content≥ 20%	Chemical Resistance (Low Concentration)		from ULA to ULB
D.C.O.F. (WET) Slip Resistance ANSI A137.1 0.62 Recycled Content ≥ 20%	Chemical Resistance (High Concentration)		From UHA to UHB
Recycled Content ≥ 20%	Stain Resistance	ISO 10545-14	Class 5
	D.C.O.F. (WET) Slip Resistance	ANSI A137.1	0.62
VOC Emissions — NA	Recycled Content	_	≥ 20%
	VOC Emissions	_	NA

According to ANSI and MIA standards, depending on the type and size of tile, it is recommended to have at least a 1/8" wide grout joint for floor tiles in order to be able to fill the grout joint full and never less than 1/16" wide. Please refer to TCNA guidelines for more on grout recommendations.



Product Info:

- Porcelain Tile
- Matte Finish
- 10mm Thickness
- Rectified Edge
- V3 Moderate Variation
- Frost Resistance = Yes



www.genrose.com

Contact your sales representative for more information. All material must be inspected prior to installation. Absolutely no claims will be accepted after installation.