

Test Report Of IL Stone Products

Name and kind of product		Glazed porcelain Tile			Manufacturer factory		Novin Ceram Co.				
Type of a application		Floor			Date of Produce		15/11/2025				
Place of application		Outdoor			Date of Test		19/11/2025				
Nominal dimensions(mm)		800	800		Standard		ISO 13006:2012/IQS:1704/6/1997				
Working dimensions(mm)		800x800			Group		Bla Annex G				
Type of glazed		Matte			Thickness (mm)		20mm				
N	Characteristic	Test result			Results	Test limit	Test Method				
		min	max	average			ISO 13006	IQS: 1704/6			
1	Dimensions and nature of the surface (mm)	1-1	Length(mm)	799.9	800.2	800.1	± 0.05%	± 0.5%	ISO 10545-2	Reference guideline number 256 / 1 on determining dimensions and nature of the surface of ceramic Tiles used for floors and walls ± 0.03%	
			Width(mm)	799.9	800.2	800.1	± 0.01%				
			variation of the average size of each tile								± 0.05%
		1-2	Thickness(mm)	19.8	20.4	20.2	±2%	± 5%			
		1-3	Side straightness					<±0.1%			± 0.5%
		1-4	Angularity					<±0.1%			± 0.5%
		1-5	Surface	Tile center convexity				± 0.18%			± 0.5%
			leveling(%)	Edge convexity				± 0.13%			
		1-6	Nature of the surface					95%			At least 95% of the tiles shall be free of clear visible defect
		2	Physical properties	2-1	water absorption(%)						0.4%
2-2	Breakage strength (N)					7250	Not less 1500	ISO 10545-4	Reference guideline number 256/2 on Determination of breakage index		
	Modulus of Rupture(N/mm ²)					47	Minimum 32	ISO 10545-4			
2-3	Resistance to Abrasion					1650 circle R11	Minimum class 3	ISO 10545-7	In draft form bearing the number 256 / 10		
2-4	Linear Thermal Dilatation index with ambient temperature to 100					Non compulsory 9*10 ⁻⁶	9*10 ⁻⁶ per kelvin maximum	ISO 10545-8	In draft form bearing the number 256 / 9		
2-5	Resistance to thermal shock					-	test method available	ISO 10545-9	256 / 4		
2-6	Resistance of Glazed tiles to crazing					ok no crazing	No crazing	ISO 10545-11	In draft form bearing the number 256 / 5		
2-7	Detarmination of frost Resistance					ok	Should Be Acceptable	ISO 10545-12			
3	Chemical properties	3-1	Resistance to staining Glazed Tiles					class3	Minimum class3	ISO 10545-13	256 / 6 on
		3-2	Resistance to Household chemicals and swimming pool salts					GB	Minimum class GB	ISO 10545-13	Reference guideline number 256/ 3 on Determination of Resistance of unglazed tiles to chemicals
		3-3	RESISTANCE TO low concentration Acids and Alkalis					GLB	Minimum class GB		
			RESISTANCE TO HIGH concentration Acids and						test method available		
4	Pachaging & marking				Accepted						

The Result : Above ample in the teasted cases is matched with IQS : 1704/6