



Test Certificate

Certificate No- WC- 1683

Date- 31/08/2023

1	Product Description	Glazed Porcelain Tiles, Design- KAZAN GOLD HIGH GLOSSY 60X120, Batch No-128, Mfg Date-17/05/2023
2	Work Size	600mmX1200mmX8.8mm
3	Customer Name & Address	Italica Granito Pvt Ltd, Survey No-164, At-Lakaddhar, Motel Road, Tal-Wankaner, Dist-Morbi, Gujarat, India
4	Received Date	21/08/2023
5	Test Method Followed	ISO 10545 part 1-17
6	Testing Date	22/08/2023-31/08/2023

Sr No	Description	Specification as per ISO 13006:2018 GR Bla	Result	Remarks
<u>1</u>	Dimension (L&W) a) The deviation in percent of the average size for each tile (4 sides) from the work size. b) The deviation in percent of the average size for each tile(4 sides) from the average size of the 10 test specimens (40 sides)	$\pm 0.6\%$ $\pm 0.5\%$	Avg+0.06, Avg -0.05 Avg+0.05, Avg -0.04	Complies Complies
<u>2</u>	Thickness	$\pm 5.0\%$	Avg+1.99 Avg -0.45	Complies
<u>3</u>	Straightness of Sides (facial sides) The maximum deviation from straightness in percent related to the Corresponding work size	$\pm 0.5\%$	Max +0.07, Max -0.05	Complies





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4	Rectangularity The maximum deviation from rectangularity in percent related to the corresponding work size	±0.6%	Max +0.06 Max -0.05	Complies
5	Surface Flatness			
	a) Centre of curvature related to diagonal calculated from the work size	±0.5%	Max +0.02, Max -0.05	Complies
	b) Edge of curvature related to the corresponding work size	±0.5%	Max +0.00, Max -0.05	Complies
	c) Warpage related to the diagonal calculated from the work size	±0.5%	Max +0.05, Max -0.02	Complies
6	Surface Quality	Minimum 95%	Ok	Complies
7	Water Absorption (% by Mass)	≤0.5%, Individual Max 0.6%	Average 0.13 %	Complies
8	Modulus of Rupture (MOR) N/mm ²	Average 35 N/mm ² Individual 32 N/mm ² Minimum	Average 38.1N/mm ²	Complies
9	Breaking Strength (N)	Thickness ≥ 7.5mm Min 1300N	Average 1690N	Complies
10	Thermal Shock resistance	10 Cycles Min	10 Cycle Pass	Complies





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<u>11</u>	Resistance to Surface Abrasion	PEI Rating (I-V)	Revolution 150 pass, Class I (PEI-I)	Complies
<u>12</u>	Co-Efficient of Friction (Anti Slip test) "Ramp Test"	Slip resistance class (R Rating)	Not Applicable	-
<u>13</u>	Crazing Resistance at 5.0 Bar	Min 4 Cycle	4 Cycle	Complies
<u>14</u>	Resistance to Stain	Class -3 Min	Class 4	Complies
<u>15</u>	Resistance to household chemicals & Swimming pool salts	Min Class GB	Class GA	Complies
<u>16</u>	Resistance to Chemicals (Acid & Alkali , 3 % V/V Hydrochloric acid soln)	Min Class GB	Class GA	Complies

Standard Limit		Corrected Mean Overall Acceptance Angle	Slip Resistance Class
S-I	5.7 ^o -11.7 ^o		
		6.0 ^o Up to 10.0 ^o	R9
S-II	14.3 ^o -20.3 ^o	Over 10.0 ^o Up to 19.0 ^o	R10
		Over 19.0 ^o Up to 27.0 ^o	R11
S-III	24.3 ^o -30.3 ^o	Over 27.0 ^o Up to 35.0 ^o	R12
		Over 35.0 ^o	R13

Note:- i)The "Test Results" relate only to the sample received from customer.

ii) The sample size- as per IS& ISO or actual no as suggested by customer

Authorized Signature



Name of the Authorised Person Mr Avik Mitra (Technical Manager)