

Technical Specification

ART Collection | 300x300mm | 200x200mm

CHARACTERISTICS	VERDICT	Requirement as per IS 15622:2017 Gr Bla E ≤ 0.08%	AGL Value	Test Method
(A) DIMENSION & SURFACE QUALITY				
Deviation In Length & Width	PASSED	± 0.1%	± 0.1%	IS 13630 Part-1
Deviation In Thickness	PASSED	± 5.0%	± 3.0%	
Straightness of Edge	PASSED	± 0.1%	± 0.1%	
Rectangularity	PASSED	± 0.1%	± 0.1%	
Surface Flatness	PASSED	± 0.5%	± 0.20%	
Surface Quality	PASSED	Min 95% free from visible defects	> 95% free from visible defects	
(B) PHYSICAL & THERMAL PROPERTIES				
Water Absorption % By Wt.	PASSED	0.08 <E ≤ 3%	< 3.0%	IS 13630 Part-2
Flexural Strength (MOR) In N/mm ²	PASSED	Avr.30 N/MM ² Ind 27 N/MM ²	>27N/MM ²	IS 13630 Part-6
Breaking Strength in N	PASSED	Min 1100 N	>1200 N	IS 13630 Part-6
Bulk Density (gm/cc)	PASSED	Min. 2.0	>2.0	IS 13630 Part-2
Impact Resistance	PASSED	0.55 Min	0.55	IS 13630 Part-14
Resistance to Surface Abrasion	PASSED	Class II Min.	Class III Min.	IS 13630 Part-7
Thermal Shock Resistance	PASSED	10 Cycles Min.	Passed 10 Cycles	IS 13630 Part-5
Moisture Expansion in mm/M	PASSED	0.02MM/M	Nil	IS 13630 Part-3
Cracking Resistance	PASSED	4 Cycles at 7.5 bar Min.	Passed The Test	IS 13630 Part-9
Frost Resistance	PASSED	Resistance	Resistance	IS 13630 Part-10
Moh'S Scratch Hardness	PASSED	Min. 5	Min. 5	IS 13630 Part-13
(C) CHEMICAL PROPERTIES				
Resistance To Household Chemicals	PASSED	Min. Class AA	Class AA	IS 13630 Part-8
Resistance To Acids & Alkalis (Except HF Acid)	PASSED	Min. Class AA	Class AA	IS 13630 Part-8
Stain Resistance	PASSED	Min. Class 1	Class - 1	IS 13630 Part-8

Technical Specification

ART Collection | 600x600mm

CHARACTERISTICS	VERDICT	Requirement as per IS 15622:2017 Gr Bla E ≤ 0.08%	AGL Value	Test Method
(A) DIMENSION & SURFACE QUALITY				
Deviation In Length & Width	PASSED	± 0.1%	± 0.1%	IS 13630 Part-1
Deviation In Thickness	PASSED	± 5.0%	± 3.0%	
Straightness of Edge	PASSED	± 0.1%	± 0.1%	
Rectangularity	PASSED	± 0.1%	± 0.1%	
Surface Flatness	PASSED	± 0.5%	± 0.20%	
Surface Quality	PASSED	Min 95% free from visible defects	> 95% free from visible defects	
(B) PHYSICAL & THERMAL PROPERTIES				
Water Absorption % By Wt.	PASSED	0.08 <E ≤ 3%	< 3.0%	IS 13630 Part-2
Flexural Strength (MOR) In N/mm ²	PASSED	Avr.35 N/MM ² Ind 27 N/MM ²	>40N/MM ²	IS 13630 Part-6
Breaking Strength in N	PASSED	Min 1300 N	>2000 N	IS 13630 Part-6
Bulk Density (gm/cc)	PASSED	Min. 2.2	>2.2	IS 13630 Part-2
Impact Resistance	PASSED	0.55 Min	0.55	IS 13630 Part-14
Resistance to Surface Abrasion	PASSED	PEI II Min.	PEI III Min.	IS 13630 Part-7
Co-efficient of Linear Thermal Expansion from ambient temp to 100°C (K ⁻¹)	PASSED	6x10 ⁻⁶ K ⁻¹	<4X10 ⁻⁶ K ⁻¹	IS 13630 Part-4
Thermal Shock Resistance	PASSED	10 Cycles Min.	Passed 10 Cycles	IS 13630 Part-5
Moisture Expansion in mm/M	PASSED	0.02MM/M	Nil	IS 13630 Part-3
Cracking Resistance	PASSED	4 Cycles at 7.5 bar Min.	Passed The Test	IS 13630 Part-9
Frost Resistance	PASSED	Resistance	Resistance	IS 13630 Part-10
Moh'S Scratch Hardness	PASSED	Min. 5	Min. 5	IS 13630 Part-13
(C) CHEMICAL PROPERTIES				
Resistance To Household Chemicals	PASSED	Min. Class AA	Class AA	IS 13630 Part-8
Resistance To Acids & Alkalis (Except HF Acid)	PASSED	Min. Class AA	Class AA	IS 13630 Part-8
Stain Resistance	PASSED	Min. Class 1	Class 1	IS 13630 Part-8

Technical Specification **SUBWAY** Collection

CHARACTERISTICS	VERDICT	Requirement as per IS 15622:2017 Gr Bla E ≤ 0.08%	AGL Value	Test Method
(A) DIMENSION & SURFACE QUALITY				
Deviation In Length & Width	PASSED	± 0.4%	± 0.1%	IS 13630 Part-1
Deviation In Thickness	PASSED	± 5.0%	± 3.0%	
Straightness of Edge	PASSED	± 0.20%	± 0.15%	
Rectangularity	PASSED	± 0.30%	± 0.15%	
Surface Flatness	PASSED	± 0.3%	± 0.4%	
Surface Quality	PASSED	Min 95% free from visible defects	> 95% free from visible defects	
(B) PHYSICAL & THERMAL PROPERTIES				
Water Absorption % By Wt.	PASSED	> 10%	14-20%	IS 13630 Part-2
Flexural Strength (MOR) In N/mm ²	PASSED	Avr. 15N/mm ²	> 15N/mm ²	IS 13630 Part-6
Breaking Strength in N	PASSED	Min 200N	> 250N	IS 13630 Part-6
Impact Resistance	PASSED	0.55 Min	0.58	IS 13630 Part-14
Thermal Shock Resistance	PASSED	10 Cycles Min.	Passed 10 Cycles	IS 13630 Part-5
Moisture Expansion in mm/M	PASSED	0.04MM/M Max	0.02MM/M Max	IS 13630 Part-3
Cracking Resistance	PASSED	4 Cycles at 7.5 bar Min.	Passed The Test	IS 13630 Part-9
Frost Resistance	PASSED	Resistance	Resistance	IS 13630 Part-10
Moh'S Scratch Hardness	PASSED	Min. 3	Min. 3	IS 13630 Part-13
(C) CHEMICAL PROPERTIES				
Resistance To Household Chemicals	PASSED	Min. Class AA	Class AA	IS 13630 Part-8
Resistance To Acids & Alkalis (Except HF Acid)	PASSED	Min. Class AA	Class AA	IS 13630 Part-8
Stain Resistance	PASSED	Min. Class 1	Resistance	IS 13630 Part-8

Technical Specification **MOSAIC** Collection

CHARACTERISTICS	VERDICT	Requirement as per IS 15622:2017 Gr Bla E ≤ 0.08%	AGL Value	Test Method
(A) DIMENSION & SURFACE QUALITY				
Deviation In Length & Width	PASSED	± 0.1%	± 0.1%	IS 13630 Part-1
Deviation In Thickness	PASSED	± 5.0%	± 3.0%	
Straightness of Edge	PASSED	± 0.1%	± 0.1%	
Rectangularity	PASSED	± 0.1%	± 0.1%	
Surface Flatness	PASSED	± 0.3%	± 0.4%	
Surface Quality	PASSED	Min 95% free from visible defects	> 95% free from visible defects	
(B) PHYSICAL & THERMAL PROPERTIES				
Water Absorption % By Wt.	PASSED	0.08 <E ≤ 3%	< 3.0%	IS 13630 Part-2
Flexural Strength (MOR) In N/mm ²	PASSED	Avr.30.0 N/MM ² Ind 27 N/MM ²	>27N/MM ²	IS 13630 Part-6
Breaking Strength in N	PASSED	Min 1100 N	>1200 N	IS 13630 Part-6
Bulk Density (gm/cc)	PASSED	Min. 2.0	>2.0	IS 13630 Part-2
Impact Resistance	PASSED	0.55 Min	>0.55	IS 13630 Part-14
Resistance to Surface Abrasion	PASSED	Class II Min.	Class III Min.	IS 13630 Part-7
Thermal Shock Resistance	PASSED	10 Cycles Min.	Passed 10 Cycles	IS 13630 Part-5
Moisture Expansion in mm/M	PASSED	0.02MM/M	Null	IS 13630 Part-3
Cracking Resistance	PASSED	4 Cycles at 7.5 bar Min.	Passed The Test	IS 13630 Part-9
Frost Resistance	PASSED	Resistance	Resistance	IS 13630 Part-10
Moh'S Scratch Hardness	PASSED	Min. 5	Min. 5	IS 13630 Part-13
(C) CHEMICAL PROPERTIES				
Resistance To Household Chemicals	PASSED	Min. Class AA	Class AA	IS 13630 Part-8
Resistance To Acids & Alkalis (Except HF Acid)	PASSED	Min. Class AA	Class AA	IS 13630 Part-8
Stain Resistance	PASSED	Min. Class 1	Class 1	IS 13630 Part-8

FRESCO
the story of art

Pattern	Size (MM)	Sq ft.	Chip Size	Packing/Box
HEXAGON	255X295	16.19	23X25MM	20PCS
LANTERN	260X265	14.83	42X75MM	20PCS
ARABESQUE	260X265	14.83	57X62MM	20PCS
HERRINGBONE	275X282	12.52	12X48MM	15PCS
HEXAGON	277X322	19.20	51X59MM	20PCS
STACKBONE	285X295	13.57	12X93MM	15PCS
FISHSCALE	292X292	18.35	23X94MM	20PCS
OCTAGON	295X295	18.73	23X23/55X55MM	20PCS
BRICKBONE	300X290	18.73	45X145MM	20PCS
POOL	298X298	19.11	73X73MM	20PCS
POOL	300X300	19.38	23X23MM	20PCS
POOL	303X303	19.76	48X48MM	20PCS
SQUARE	303X303	19.76	48X48MM	20PCS
PENNY ROUNDS	313X292	19.67	19MM	20PCS
SHALLOW	65X260	12.00	SUBWAY	66PCS
CLODY	75X300	10.65	SUBWAY	44PCS
EMBOSS	75X300	10.65	SUBWAY	44PCS
FLUTE	75X300	10.65	SUBWAY	44PCS
DESIGNER VT	300X300	9.68	FRESCO	10PCS
DESIGNER VT	600X600	15.50	FRESCO	4PCS
PLAIN	100X200	10.76	SUBWAY	50PCS
PLAIN	115X240	9.50	SUBWAY	32PCS

Art Collection

Size (MM)	Sq ft.	Packing/Box
600x600	15.5	4 PCS
300x300	9.69	10 PCS
200x200	7.75	18 PCS

Subway Collection

Size (MM)	Sq ft.	Packing/Box
100x200	19.20	50 PCS
65x260	13.57	66 PCS
75x300	18.36	44 PCS

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