



Tiles & Bathware

APNEPAN KA EHSAAS

600 x 600 MM



Everything
Has
Beauty

PGVT

EDITION
JANUARY 2025



PGVT

T i l e s

600X600MM

P G V T T i l e s



Strong



Fire Resistance



Anti Slip



Easy Clean



M-1125



M-1026



M-1029



M-1031





M-1007



M-1011



M-1018



M-1021



Strong



Fire Resistance



Anti Slip



Easy Clean



Strong



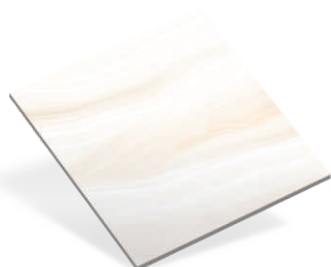
Fire Resistance



Anti Slip



Easy Clean



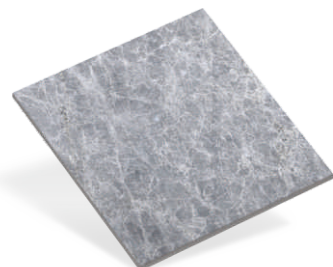
M-1072



M-1074



M-1078



M-1082





M-1033



M-1036



M-1050



M-1051



Strong



Fire Resistance



Anti Slip



Easy Clean



Strong



Fire Resistance



Anti Slip



Easy Clean



M-1103



M-1104



M-1110



M-1115





M-1093



M-1095



M-1096



M-1098



Strong



Fire Resistance



Anti Slip



Easy Clean



Strong



Fire Resistance



Anti Slip



Easy Clean



M-1118



M-1022





TECHNICAL SPECIFICATION

PACKAGING DETAILS FOR POLISHED GLAZED VITRIFIED TILES

Sr.No	Size(mm)	Thickness (mm)	No. of PCS	Area Covered	Average Weight (Kg)
1	600 x 600	8.1	4	1.44 Sq.mt / 15.50 Sq.Ft.	28.1

TECHNICAL SPECIFICATION FOR POLISHED GLAZED VITRIFIED TILES

No.	CHARACTERISTICS	REQUIRED AS PER ISO	REQUIRED AS PER IS	OUR VALUE	TEST METHOD
DIMENSION & SURFACE QUALITY					
1	Length & Width	±0.5%	±0.10%	±0.09%	ISO-10545-2
2	Thickness	±5.00%	±5.00%	±3.8%	ISO-10545-2
3	Straightness of Side	±0.50%	±0.10%	±0.9%	ISO-10545-2
4	Rectangularity	±0.60%	±0.10%	±0.9%	ISO-10545-2
5	Surface Flatness	±0.4%	±0.5%	±0.2%	ISO-10545-2
6	Center Curvature (%) (Max. Dev.)	±0.50%	±0.50%	±0.01%	ISO-10545-2
6	Edge Curvature (%) (Max. Dev.)	±0.50%	±0.50%	±0.01%	ISO-10545-2
8	Corner Warpage (%) (Max. Dev.)	±0.50%	±0.50%	±0.01%	ISO-10545-2
9	Surface Quality	Min. 95% of Tiles will be free from visible defects	Min. 95% of Tiles will be free from visible defects	Min. 95% of Tiles will be free from visible defects	ISO-10545-2
PHYSICAL PROPERTIES					
1	Water Absorption*	Average ≤ 0.05%, Individual Max. 0.6%	Av ≤ 0.08%, Individual Max. 0.1% max	Max < 0.07%, Individual Max. 0.1%	ISO-10545-2
2	Modules of Rupture [N/mm ²]	Av 35, Individual 32 min	Av 35, Individual 32 min	Av 35, Individual 32 min	ISO-10545-2
3	Breaking Strength in N	Min. 1300	1300	Min. 1200	ISO-10545-2
4	Thermal Shock Resistance	Required	10 Cycle Min	10 Cycle Passed	ISO-10545-2
5	Moisture Expansion in mm/M	Test Method Available	0.02 Max	0.02 Max	ISO-10545-2
6	Crazing Resistance	N.A	4 cycle at 7.5 bar Min.	N.A	ISO-10545-2
7	Moh'S Scratch Hardness	N.A	Min.5	Min.4	ISO-10545-2
8	Coefficient of Linear Thermal Expansion from Ambient Temperature to 100° C	Test Method Available	6 X 10 ⁻⁶ K ⁻¹ Max	6 X 10 ⁻⁶ K ⁻¹ Max	ISO-10545-2
9	Impact Resistance as Co-efficient of Restitution (COR)	Test Method Available	0.55 Min	0.50 Min	ISO-10545-2
10	Deep Abrasion Resistance [in mm ³]	Max. 175	Max. 140	Max. 95	ISO-10545-2
11	Frost Resistance	Required	Required	100 Cycle Passed	ISO-10545-2
CHEMICAL PROPERTIES (Unglazed Tiles)					
1	Resistance to house hold chemicals	Min Class UB	Min. Class AA	Class UA	ISO-10545-2
2	Resistant To Acids & Alkalis (Except HF Acid)	Test Method Available	Required If Agreed	Class ULA (Low Conc) Class UHA (High Conc)	ISO-10545-2
3	Stain Resistant	Manufacturer to State the Class	Min. Class 2	Class 2	ISO-10545-2

NOTE: Tiles may vary in color, texture, size, and appearance due to natural variations and manufacturing processes. We recommend inspecting actual samples before making a purchase. We shall not be liable for any damages, losses, or injuries arising from the use, misuse, or inability to use our tile products.



Floors
that make you
feel like
KING



Mfd by : The Home Square LLP
Mktd by : Rooflux Tiles and Sanitary Pvt. Ltd.

ZONAL OFFICE (EAST) – PATNA
404, GenX Icon, Near Saguna More,
Bailey Road, Patna Bihar-801503

ZONAL OFFICE (WEST) – MUMBAI
B-602, Shankar Tower,
Sanpada, Navi Mumbai-400705

ZONAL OFFICE (NORTH) – NEW DELHI
25, Block-B1, Sewak Park,
Uttam Nagar, New Delhi-I 10059

OFFICE (REGD.)
25, Block-B1, Sewak Park, Uttam Nagar, New Delhi-I 10059

OFFICE (MORBI)
F31, 1st Floor, B/H Real Plaza, Near Vardhaman Hotel,
8A National Highway, Lalpar, Morbi-363642

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