

Specifications

PACKING DETAILS

Size (cm)	Thickness (mm)	Tiles / Box	Sqm/Box	Boxes/Pallet	Sqm/Pallet	Approx. Weight / Box (Kg)	Approx. Weight / Pallet (Kg)
60x120	20	1	0.72	30	21.60	31	970
60x90	20	1	0.54	40	21.60	23	960
60x60	20	2	0.72	32	23.04	31	1000

TECHNICAL SPECIFICATIONS HEAVY DUTY OUTDOOR PORCELAIN PAVERS

S. No.	Property	Group Bla : ISO 13006 - 2018	Group Bla IS :15622:2017	Kajaria Vitronite Value	Test According to
Dimensions & surface Quality					
1.	Deviation in length and width	± 0.3%	± 0.1%	± 0.1%	ISO 10545:2/IS:13630 (P-1)
2.	Deviation in thickness	± 5%	± 4%	± 4%	ISO 10545:2/IS:13630 (P-1)
3.	Deviation in Straightness of sides	± 0.3%	± 0.4%	± 0.1%	ISO 10545:2/IS:13630 (P-1)
4.	Deviation in Rectangularity	± 0.3%	± 0.1%	± 0.1%	ISO 10545:2/IS:13630 (P-1)
5.	Deviation in Surface Flatness	± 0.4%	± 0.50%	± 0.2%	ISO 10545:2/IS:13630 (P-1)
6.	Surface Quality (%)	Minimum 95%	Minimum 95%	No visible defects	ISO 10545:2/IS:13630 (P-1)
Physical characteristics					
7.	Scratch Hardness of surface Moh's scale	Required	Min. 5	Min. 8	IS:13630 (P-13)
8.	Water absorption	≤0.5% Individual maximum 0.06%	Average ≤0.08, Individual 0.10%max	<0.08 %	ISO 10545:3/IS:13630 (P-2)
9.	Moisture Expansion	Test method available	Max 0.02 mm/m	Max 0.01 mm/m	ISO 10545:10/IS:13630(P-3)
10.	Surface abrasion	Required	Min Class - 2	PEI class 4 - 5	ISO 10545:7/IS:13630 (P-11)
Mechanical characteristics					
11.	Breaking strength	1300 N	Min 1300 N	≥7000 N	ISO 10545:4/IS: 13630 (P-6)
12.	Modulus of rupture	>35 N/mm ²	Average 35, Individual minimum 32	≥ 45 N/mm ²	ISO 10545:4/IS: 13630 (P-6)
Safety characteristics					
13.	Density	Min 2.20 gm/cc	Min 2.20 gm/cc	> 2.25 gm/cc	ISO 10545:3 /IS:13630 (P-2)
14.	Impact resistance (Coefficient of restitution)	Test method available	Min 0.55	> 0.80	ISO 10545:5/IS:13630 (P-14)
15.	Co-efficient of Friction (Anti slip test) " RAMP TEST "	Test method available	Test method available	R -11	DIN 51130:2014
Thermo photo characteristics					
16.	Thermal shock resistance	Test method available	Min 10 cycles	Pass min 10 cycles	ISO 10545:9/IS: 13630 (P-5)
17.	Co efficient of thermal expansion	9×10 ⁻⁶ Max	6×10 ⁻⁶ Max	<6×10 ⁻⁶	ISO 10545:8/IS:13630 (P-4)
18.	Crazing Resistance	Required	4 Cycle Pass	4 Cycle Pass	ISO 10545:11/IS:13630 (P-9)
19.	Frost resistance	Required	Required	No Damage	ISO 10545:12/IS: 13630 (P-10)
20.	Small colour differences	Plain coloured tiles only where required ΔE cmc < 0.75	-	No differences	ISO 10545:16
Chemical characteristics characteristics					
21.	Stain Resistance	Min Class - 3	Min class - 1	Min conform to class-4*	ISO 10545:14/IS:13630 (P-8)
22.	Chemical Resistance HOUSE HOLD CHEMICAL & SWIMMING POOL SALT	Min class-GB	Class - AA	Conform to classes-GA*	ISO 10545:13/IS:13630 (P-8)
23.	Chemical Resistance LOW CONCENTRATIONS ACID & ALKALIES	Manufacturer is to state classification	Required	Conform to classes-GLA*	ISO 10545:13/IS:13630 (P-8)
24.	Chemical Resistance HIGH CONCENTRATIONS ACID & ALKALIES	Test method available	Required	Conform to classes-GHB*	ISO 10545:13/IS:13630 (P-8)

- Skid resistance value can be provided according to test method used & surface finish, also area of use.
 - KAJARIA 20 mm tiles have resistance to most of the stains/chemicals but it is recommended to take due care while laying and for day-to-day maintenance.
 - We recommend to cover the surface with polythene sheet or any other suitable source before any wall or furniture painting work starts so that beauty of slab surface remains forever.
 - Resistance to acids & alkalis (Exception Hydrofluoric acids & its Compounds)
 - Colours in the catalogue are as accurate as printing process allows. Please check actual sample before making the final selection
 - Sizes mentioned in the catalogue are nominal sizes only.
 - No claim will be entertained once the Tiles are fixed.
- * For better laying. Please follow the instructions on the packaging box.
- Please make sure to check the shade/finish with the sales agent/ dealer making the final purchase because there might be variation in actual finish that shown in the catalogue. The company will not bear any loss in such case.