

Características Técnicas / Technical Features

RODAS GREY

Porcelanato Esmaltado Pulido

CHARACTERISTIC	TEST METHOD	IS 15622 :2017 (GROUP B I a)	VALUE
DIMENSION & SURFACE QUALITY			
Deviation in Length & Width	IS - 13630 - 1	± 0.10%	± 0.10%
Deviation in Thickness	IS - 13630 - 1	± 5.00%	± 3.50%
Straightness of sides	IS - 13630 - 1	± 0.10%	± 0.10%
Rectangularity	IS - 13630 - 1	± 0.10%	± 0.10%
Surface Flatness	IS - 13630 - 1	± 0.50%	± 0.20%
Surface Quality	IS - 13630 - 1	Minimum 95 % of tiles shall be free from visible defects	95%

PHYSICAL PROPERTIES			
Water Absorption	IS - 13630 - 2	<0.08%, Avg.	Avg. 0.06%
Modulus of Rapture(N/mm²)	IS - 13630 - 6	Avg. 35 N/mm²	Avg. 35 N/mm²
Breaking Strength (N)	IS - 13630 - 6	Thickness <7.5 mm = 700 N, Min Thickness ≥7.5 mm = 1300 N, Min	Thickness <7.5 mm = 750 N Thickness ≥7.5 mm = 1300 N
Moisture Expansion (mm/m)	IS - 13630 - 3	0.02 Max.	0.01 Max.
Scratch Hardness of Surface (Moh' Scale)	IS - 13630 - 13	5, Min	5, Min*
Resistance of Surface Abrasion (Glazed tiles)	IS - 13630 - 11	Class II, Min.	Class IV
Co-efficient of linear thermal expansion	IS - 13630 - 4	6x10 ⁻⁶ , Max	6x10 ⁻⁶ , Max
Thermal Shock Resistance	IS - 13630 - 5	10 Cycles, Min	10 Cycles, Pass
Crazing Resistance	IS - 13630 - 9	4 Cycles at 7.5 Bar ,Min	4 Cycles, Pass
Impact Resistance- Coefficient of Restitution	IS - 13630 - 14	0.55, Min	0.55, Min
Coefficient of Friction	-	Manufacturer Norms	Manufacturer Norms
Frost Resistance	IS - 13630 - 10	Manufacturer Norms	No Damage
Bulk Density (g/cc)	IS - 13630 - 2	2.2 , Min	2.3

CHEMICAL PROPERTIES			
Resistance of Staining	IS - 13630 - 8	Class 1, Min	Class 2, Min
Resistance of Household	IS - 13630 - 8	Class AA, Min	Class AA, Min
Resistance to Acids & Alkalis	IS - 13630 - 8	Required If agreed according to chemical resistance class indicated by manufacturer	Resistance



MURO



PISO



INTERIOR



RESIDENCIAL



RECTIFICADO



PULIDO



JUNTA
2mm

GANTE

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