



## Ceramic Wall Tiles

Ceramic Wall Tiles	Rectified		Non Rectified	
	EUROPEAN NORMS *EN-159/IS 15622	SWASTIK NORMS	EUROPEAN NORMS *EN-159/IS 15622	SWASTIK NORMS
<b>DIMENSION &amp; SURFACE QUALITY</b>				
Deviation in Length	± 0.2%	± 0.1%	+0.6% / -0.3%	Confirms
Deviation in Thickness	± 4%	± 4%	± 4%	± 4%
Straightness of Sides	N.A.	N.A.	± 0.15%	Confirms
Surface flatness	± 0.22%	± 0.2%	± 0.22%	Confirms
Rectangularity	± 0.15%	± 0.1%	± 0.15%	Confirms
Surface Quality	Min 95% of tiles free from visible defects	Min 95% of tiles free from visible defects	Min 95% of tiles free from visible defects	Min 95% of tiles free from visible defects
<b>PHYSICAL PROPERTIES</b>				
Bending Strength	Avg. 15 N/mm <sup>2</sup>	>17 N/mm <sup>2</sup>	Avg. 12 N/mm <sup>2</sup>	>15 N/mm <sup>2</sup>
Water Absorption	20%≥E≥10%	14-16%	≥ 10%	14-16%
Scratch Hardness (Mohs)	Min 3	Min 3	Min 3	Confirms
Crazing	4 Cycles	4 Cycles	4 Cycles	Passes
Thermal Shock	10 Cycles	10 Cycles	10 Cycles	10 Cycles
Thermal Expansion	9x10 <sup>-6</sup> K <sup>-1</sup> Max.	Complies	9x10 <sup>-6</sup> K <sup>-1</sup> Max.	Complies
<b>CHEMICAL PROPERTIES</b>				
Staining Resistance	Class 1	Passes	Class 1	Passes
Household Chemicals	Class AA	Resistance to all, except Hydrofluoric acid & its compounds	Class AA	Resistance to all, except Hydrofluoric acid & its compounds

**Rectified in Sizes :** 600 x 300 mm, 446 x 296 mm, 446 x 296 mm (Crackle-H), 400 x 250 mm, 400 x 250 mm (H), 296 x 296 mm (Wall), 300 x 300 mm (Wall)

**Non Rectified in Sizes :** 200 x 400 mm, 200 x 300 mm

Note : Colour shown in this catalogue are as accurate as printing process limitation allow. Please check actual tile sample before ordering.

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