TECHNICAL CHARACTERISTICS - RED BODY AND WHITE BODY CERAMIC TILES (BIII)

	Test Description	Standard Test Method	International Standard ISO 13006	RAK Ceramics Specifications
	**Length & Width**	BS EN ISO 10545-2	+/- 0.5%	+/- 0.3%
	**Thickness**	BS EN ISO 10545-2	+/-10%	+/- 5.0%
	**Rectangle Squareness**	BS EN ISO 10545-2	+/- 0.5%	+/- 0.4%
	**Straightness of sides**	BS EN ISO 10545-2	+/- 0.5%	+/- 0.3%
	**Surface Flatness**	BS EN ISO 10545-2	+/- 0.5%	+/- 0.3%
	**Water Absorption**	BS EN ISO 10545-3	10% < E <= 20%	10% <E <= 18%
	**Modulus of Rupture**	BS EN ISO 10545-4		
	Thickness > = 7.5mm		>=12 N/mm2	>=16 N/mm2
	Thickness < = 7.5mm		>=15 N/mm2	>=16 N/mm2
	**Breaking Strength**	BS EN ISO 10545-4		
	Thickness > = 7.5mm		>=600N	>=650N
	Thickness < = 7.5mm		>=200N	>=400N
	**Resistance to surface abrasion**	BS EN ISO 10545-7	Manufacturer to state Abrasion Class	Class 2 - 4
	**Resistance to Thermal Shock**	BS EN ISO 10545-9	No visible defect	No visible defect
	**Crazing Resistance**	BS EN ISO 10545-11	No crazing	No crazing
	**Resistance to chemicals**	BS EN ISO 10545-13	No visible effect	No visible effect
	**Resistance to stains**	BS EN ISO 10545-14	Manufacturer to state class	Stain removed Min. class 4
	**Scratch Hardness : (Moh's)**	EN 101	-	4 - 6

Note : Shade variation across the batches is inherent to the manufacturing process and the pre-laying colour comparison is recommended