



Technical Data

Product: Nominal
 Nominal Size:
 Work Size:

IT - C Floor Tile
 12"x12" (M 20x20cm)
 295x295 x 7.4 mm

Technical Characteristics	NORM	Exig. ISO DIS - 13006	Unit	Specification
Deviation of average size from size (W)	10545-2	+/- 0.6	%	+/- 0.6
Deviation of average size from the average of 10 samples	10545-2	+/- 0.5	%	+/- 0.4
Thickness	10545-2	+/- 5.0	%	+/- 4.0
Straightness of sides	10545-2	+/- 0.5	%	+0.1/-0.3
Rectangularity	10545-2	+/- 0.6	%	+/- 0.4
Centre curvature, related to diagonal calculated from the work sizes	10545-2	+/- 0.5	%	+0.5/-0.1
Edge Curvature, related to the corresponding work sizes	10545-2	+/- 0.5	%	+0.3/-0.1
Warpage related to diagonal calculated from the work sizes	10545-2	+/- 0.5	%	+0.4/-0.3
Surface quality	10545-2	>= 95	%	>= 95
Water absorption % by weight	10545-3	3.0 a 6.0	%	3.0 a 6.0
Modulus of rupture	10545-4	>= 22	N/mm ²	>= 30
Breaking Strength	10545-4	600	N	700
Resistance to surface abrasion of tiles intended for use on floors	10545-7	Specify	PEI	4
Coefficient of linear thermal expansion from ambient temp. to 100	10545-8	–	°C-1	6.3 a 7.0
Thermal shock resistance	10545-9	–	–	Ok
Moisture expansion	10545-10	–	mm/m	<= 0.6
Grazing resistance	10545-11	Required	–	Ok
Chemical resistance	10545-13	Min Class GB	–	GA
Resistance to acids and alkalis	10545-13	Specify	–	GLA
Resistance to staining	10545-14	Min. Class 3	–	5
Coefficient of friction Standard Finish	DIS-545-17	Specify	–	>0.6 dry/ >0.4 Wet
Coefficient of friction Abrasive Finish	DIS-545-17	Specify	–	>0.6 dry/ >0.6 Wet
Scratch hardness of surface	EN-101	–	Mohs	>4