

## Technical Data Sheet

1. Collection	HIIRONE					
2. Category of tile	All Glazed tile			All Unglazed tile		
3. Length, Width & Thickness	239.0	239.0	239.0	239.0	239.0	239.0
	x 60.0	x 60.0	x 30.0	x 60.0	x 60.0	x 30.0
	x 12.0 mm	x 13.0 mm	x 18.0 mm	x 12.0 mm	x 13.0 mm	x 18.0 mm
4. Item number	FC-2	FC-2RG	FC-30B	FC-2	FC-2RG	FC-30B
	/N1~N3	/N1~N3	/N1~N3	/N5~N9	/N5~N9	/N5~N9

characteristics	JIS A 5209					
Length (mm)	239.0 ± 3.0	239.0 ± 3.0	239.0 ± 3.0	239.0 ± 3.0	239.0 ± 3.0	239.0 ± 3.0
Width (mm)	60.0 ± 2.0	60.0 ± 2.0	30.0 ± 1.5	60.0 ± 2.0	60.0 ± 2.0	30.0 ± 1.5
Crook (mm)	Length	≤ 3.0	≤ 3.0	≤ 3.0	≤ 3.0	≤ 3.0
	Width	≤ 2.0	≤ 2.0	≤ 1.5	≤ 2.0	≤ 2.0
Thickness (mm)	12.0 ± 1.5	13.0 ± 1.5	18.0 ± 1.5	12.0 ± 1.5	13.0 ± 1.5	18.0 ± 1.5
Centre curvature (mm)	± 2.0	N/A	± 2.0	± 2.0	N/A	± 2.0
Torsion (mm)	≤ 1.5	N/A	≤ 1.5	≤ 1.5	N/A	≤ 1.5
Edge curvature (mm)	N/A	N/A	N/A	N/A	N/A	N/A
Straightness of sides (mm)	± 2.0	± 2.0	± 2.0	± 2.0	± 2.0	± 2.0
Rectangularity (mm)	≤ 2.0	≤ 2.0	N/A	≤ 2.0	≤ 2.0	N/A
Shape of back feet	Dovetailed shape					
Height of back feet (mm)	1.5 - 3.5	1.5 - 3.5	1.5 - 3.5	1.5 - 3.5	1.5 - 3.5	1.5 - 3.5
Water absorption (%) (Vacuum method)	≤ 10.0	≤ 10.0	≤ 10.0	≤ 10.0	≤ 10.0	≤ 10.0
Breaking strength (N)	≥ 720	≥ 720	≥ 720	≥ 720	≥ 720	≥ 720
Thermal shock resistance	N/A	N/A	N/A	N/A	N/A	N/A
Crazing resistance	No crazing	No crazing	No crazing	N/A	N/A	N/A
Frost resistance	No damage					
Resistance to chemicals	Declared value					

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Note :

Testing methods are in compliance with JIS A5209:2020 and JIS A 1509.