



Ref: BVIPL: TILES-CERAMIC : 25941C/245/3/2014
Test order dated 25.03.2014

Date 23.04.2014
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H & R JOHNSON (INDIA)
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TEST REPORT ON MARBLE

Source of sample : Sample supplied by the customer.
Number of samples tested : 13 (Thirteen Only).
Customer's Reference : Letter dt.14.03.2014
Date of sample Received : 25.03.2014
Condition of sample : Satisfactory
Sample Details* : Snow Flakes MARBLE
Period of test : 27.03.2014 To 08.04.2014

1. DIMENSION AND SURFACE QUALITY: IS -13630 -2006 (RA 2012) (PART-1)

a) MEASUREMENT: Thickness

Sl. No	avg. Measured thickness (mm)	Deviation in Average Thickness of each tile from the work Thickness (%)	Deviation in Average Thickness of each tile from the Avg. Thickness of the 10 test specimen. (%)
1	20.09	0.45	1.86
2	20.04	0.18	1.58
3	19.98	-0.12	1.27
4	19.90	-0.50	0.89
5	19.56	-2.21	-0.84
6	19.89	-0.56	0.83
7	19.36	-3.21	-1.86
8	19.52	-2.40	-1.03
9	19.27	-3.65	-2.30
10	19.65	1.78	-0.40

b) RECTANGULARITY, STRAIGHTNESS & SURFACE FLATNESS : IS -13630 -2006 (RA 2012) (PART-1)

Sl. No	Deviation in Rectangularity (%)	Deviation in Centre curvature (%)	Deviation in Edge curvature (%)	Deviation in Warpage (%)
1	0.06	-0.01	-0.02	-0.04
2	0.08	-0.01	-0.02	-0.04
3	0.09	-0.02	-0.02	-0.03
4	0.08	-0.01	-0.02	-0.03
5	0.09	-0.01	-0.02	-0.03
6	0.09	-0.01	-0.02	-0.03
7	0.10	-0.01	-0.02	-0.03
8	0.11	-0.01	-0.02	-0.03
9	0.10	-0.01	-0.02	-0.02
10	0.09	-0.01	-0.03	-0.03

