

TEST REPORT NO.: 15-0377

Report Date: 28/1/16
Our Ref: 15/A/1968
Client: PPM Stone
1/21 Macquarie Dr
Thomastown Vic 3074
By Email: ppmstone@hotmail.com
Sample: Terrazzo tiles
Sample received: 10/11/15
Test dates: 23/11/15 to 28/1/16



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NATA Lab. No. 61

Report Prepared By: _____ Stuart Errey

TEST

METHOD OF TEST

Determination of:

Individual dimensions	AS/NZS 4456.3-2003
Breaking load	AS/NZS 4456.5-2003
Abrasion resistance	AS/NZS 4456.9-2003
Resistance to salt attack	AS/NZS 4456.10-2003
Cold water absorption	AS/NZS 4456.14-2003

INDIVIDUAL DIMENSIONS

Dimension	Length / width	Thickness
Mean, mm	600.6	27.9
Unbiased standard deviation, mm	0.6	1.1

Rating: Category DPB4 (from Table 2.2(B), AS/NZS 4455.2-2003)

BREAKING LOAD

Orientation of the specimens: inverted.
Span between support bars: 550 mm.

Specimen no	Breaking load, kN	Specimen no	Breaking load, kN
1	4.4	6	2.4
2	3.3	7	2.8
3	4.9	8	4.1
4	3.0	9	3.3
5	3.5	10	4.0

Mean breaking load: 3.6 kN
Unbiased standard deviation: 0.8 kN

ABRASION RESISTANCE

Specimen no	Abrasion index	Specimen no	Abrasion index
1	1.4	9	3.4
2	1.1	10	2.5
3	1.4	11	1.5
4	2.7	12	1.6
5	2.5	13	1.8
6	2.4	14	2.2
7	2.3	15	2.4
8	1.8	16	2.6

Mean abrasion index: 2.1
Unbiased standard deviation: 0.6

COLD WATER ABSORPTION

Specimen no	C W A, %	Specimen no	C W A, %
1	1.3	6	1.7
2	1.1	7	2.0
3	1.3	8	2.0
4	2.2	9	2.3
5	1.8	10	2.2

Mean cold water absorption: 1.8 %

RESISTANCE TO SALT ATTACK

Test solution: sodium sulfate
Side tested: face
Test method: method B

Specimen no	3	7	9	10	16
Mass loss, g	0.00	0.00	0.00	0.02	0.00
Stopped at cycle no	40	40	40	40	40

Rating: Exposure grade (from Table 2.7, AS/NZS 4455.2-2003)