

BREAKING LOAD OF SEGMENTAL PAVERS TEST REPORT



Premier Group New Zealand
PO 12172
Hamilton 3248

Attention: Jackson Powell

Project : -
Product name* : **Milano**
Paver type : **Concrete flagstone**
Colour* : **Natural stone**
Sample ID : -
Nominal sample size : **300 x 200 x 31mm**
Manufacturer* : **Premier Group New Zealand**
Date of manufacture* : **12/04/21**
Date sampled : -
Date received : **7/07/21**
Sampled by* : **Premier Group New Zealand**

Project No : 524G21.00
Lab Ref No : 4-21/862
Project No : -

Test Results

Date tested : 13/10/21

Specimen ID	1	2	3	4	5
Breaking load of specimen (kN)	2.40	2.20	2.40	3.00	2.10
Width of specimen (mm)	203.4	199.5	203.0	186.2	200.3
Breaking load per 100mm width (kN)	1.2	1.1	1.2	1.6	1.0
Modulus of Rupture (MPa)	4.6	4.3	4.6	6.3	4.1
Specimen ID	6	7	8	9	10
Breaking load of specimen (kN)	2.60	2.10	2.50	2.30	2.10
Width of specimen (mm)	204.8	198.4	194.9	204.1	202.3
Breaking load per 100mm width (kN)	1.3	1.1	1.3	1.1	1.0
Modulus of Rupture (MPa)	5.0	4.1	5.0	4.4	4.1

Mean breaking load/100mm width (kN) 1.2
Standard deviation (kN) 0.2

Mean Modulus of Rupture (MPa) 4.6

Test Method: AS/NZS 4456 : 2003 Method 5 : Determining breaking load of segmental paving units.
Span length 250 mm.
Ten specimens were tested.
Samples were tested in condition as received.
Specimens were tested with face marked "T" in tension.
Modulus of Rupture is based on the working size of each paver.

Comments: Ten individual units 300x200x31mm, with wearing surface marked "T", were supplied by client.

*Sample information supplied by client.

**This report may only be reproduced in full.
Results apply only to sample tested.**

Designation : *J. Glen*
Date : *Laboratory Technician*
19/10/21