

Masonry
Research
Centre

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lrb-abey-mrc4
23 December 1991

CLIENT

SPECIMENS SUPPLIED BY :

Abey Hardware

DATE OF TEST :

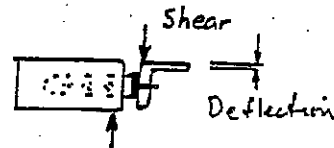
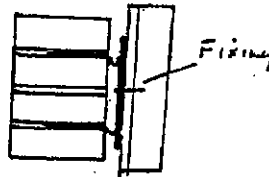
14 October 1991

TYPE OF TIE :

Expansion tie for fixing to column.
Two galvanised tie sections embedded into two
masonry joints slide in a galvanised keeper fixed
to a column by a single central connection.
Alligator ties.

0626
0627
0636
0637

TEST DESCRIPTION:



Specimen No.	Load at 1.5 mm deflection kN	Ultimate Load kN	Stiffness kN/mm
1.	0.68	1.89	0.55
2.	0.89	1.97	0.80
3.	0.73	2.16	0.55
4.	0.77	2.25	0.55
5.	1.01	2.24	0.75
6.	0.72	1.98	0.50
7.	0.68	2.07	0.55
8.	0.86	2.07	0.65
9.	0.68	1.97	0.55
10.	0.62	1.88	0.45
Mean	0.76 kN	2.05 kN	0.59 kN/mm
Characteristic	0.57 kN	1.83 kN	0.41 kN/mm

Note: Stiffness was calculated as in AS 2699-1984 Appendix C.

DR L.R. BAKER
DIRECTOR

DESIGN CALCULATIONS FOR STAINLESS
STEEL ARE HIGHER