



MTS Metallurgical Testing Services
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Test Report

To Sorrento Glass
1 / 7 Hector St Osborne Park WA 6017
Order No. G. Vile

Report No. **MTS-18495 SG**
Issue Date 25/07/2014
Test Date 20/06/2014

Introduction

MTS Metallurgical Testing services was engaged to perform load tests on a square section semi-frameless pool fence post in general accordance with the requirements of AS 1926.1 - 2012.

Details

ID	Item/Heat No.	Dimensions/Type/Details	Finish	Overall Assessment
18495/01	Semi-Frameless Post	Square section 6063-T5 aluminium	Powder coated	COMPLIES

Examinations & Tests

A visit was made to the test site to verify the installation arrangements against supplied drawings. A subsequent visit was made once the grout had cured to conduct a load test.

Summary

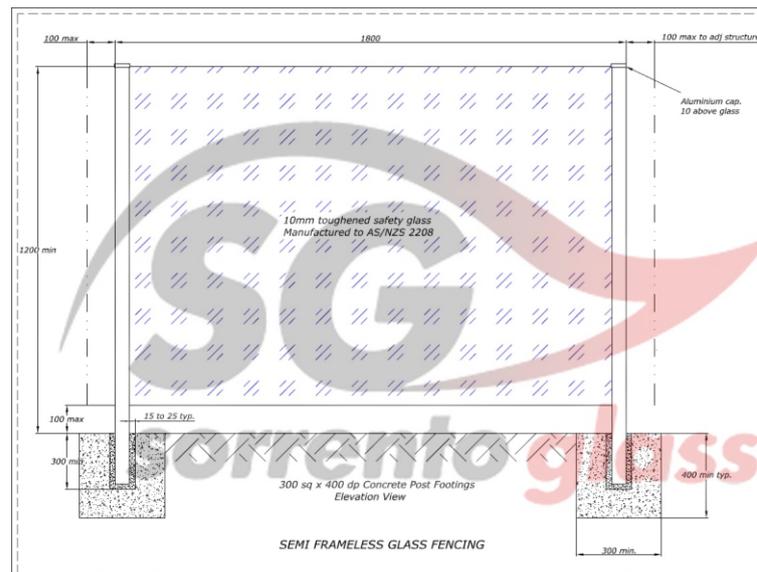
The results of the tests reported herein COMPLIED with the requirements of the stated standard/s and/or specification/s.

Colin Lorrimar
Metallurgical Testing Manager

Results



Details of the square section extrusion.



The post was installed in accordance with the details of this drawing, modified to suit the 100mm thick floor at the test site.

Results

Load Test

Test Specification AS 1926.1 - 2012, Appendix B **Test Procedure** MTS-TP3.7 Load Tests of Protective Enclosures, Barriers and Fences

Specimen ID	Test Load (N)	Deflection Under Load (mm)	Permanent Distortion (mm)	Observations	Assessment
18495/01	330	18.0	0.0	No damage or looseness.	COMPLIES



The post under test load showing the hydraulic ram and digital load indicator.

Requirements No permanent damage or looseness of the footings.