



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-18448 SG**
Issue Date 21/07/2014
Test Date 13/06/2014

Introduction

MTS Metallurgical Testing Services was engaged to perform load tests on a toughened glass pool fence panel in general accordance with the requirements of AS 1926.1 - 2012.

Details

ID	Item/Heat No.	Dimensions/Type/Details	Finish	Overall Assessment
18448/01	Frameless glass	1.0m Long x 1.2m High with 44mm Core-drilled Square Duplex stainless steel spigots	Polished	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.

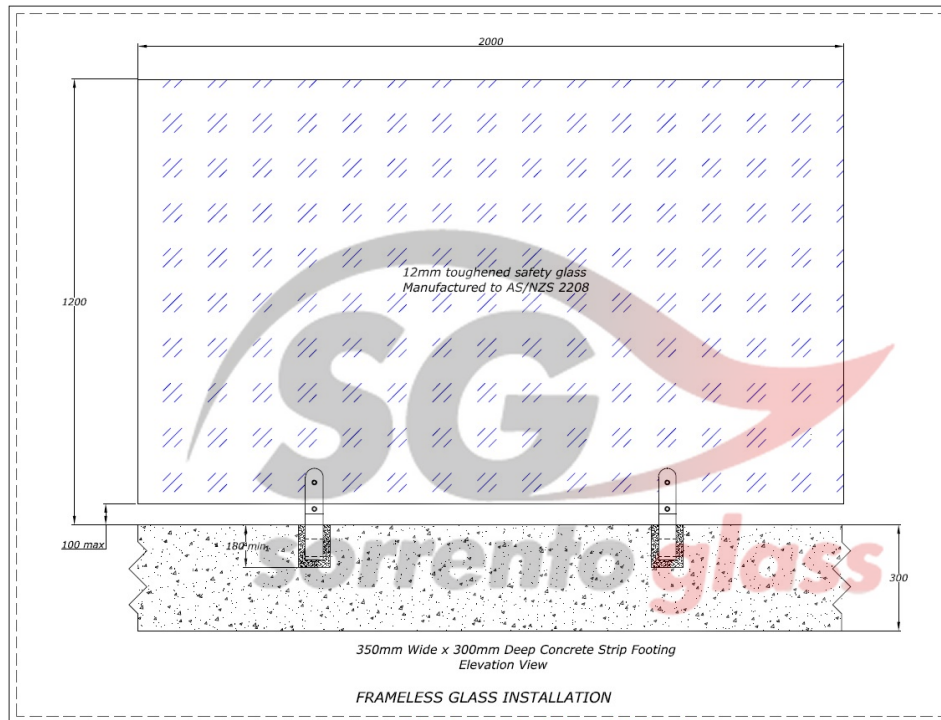
Summary

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

Visual Examination



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

Core-drilled Spigots



44mm Square spigot face view



44mm Square spigot side view

Results

Load Test

Test Specification	AS 1926.1 - 2012, Appendix C	Test Procedure	MTS-TP3.7 Load Tests of Protective Enclosures, Barriers and Fences
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Specimen ID	Test Load (N)	Deflection Under Load (mm)	Permanent Distortion (mm)	Observations	Assessment
18448/01	330	24.0	1.5	No damage, loosening or permanent distortion	COMPLIES



The pool fence panel under test load showing the hydraulic ram and digital load indicator.

Requirements No breakage or signs of fracture or loosening of any part. Maximum Permanent Distortion: 6mm.