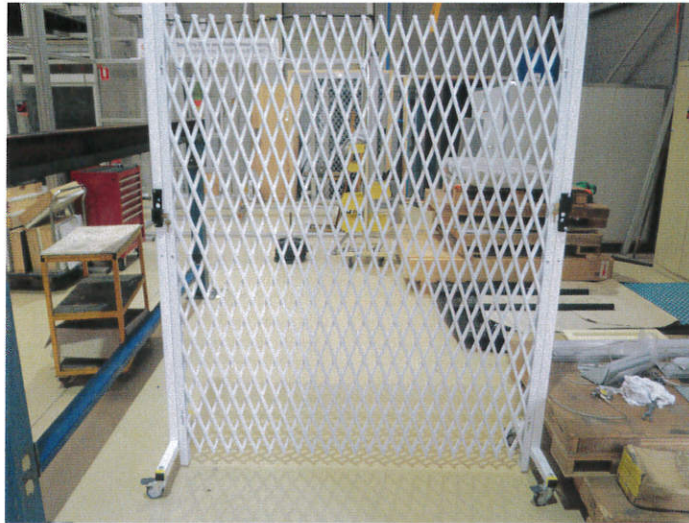

TEMPORARY FENCING



THE AUSTRALIAN TRELIS DOOR CO.

DOUBLE DIAMOND BARRIER LOCKING TO FLOOR

TESTED BY
AZUMA DESIGN PTY LTD

1 Test Standards

The sample provided was tested to the methods and criteria presented

- AS 4687 - 2007 Temporary fencing and hoardings

2 Test Sample Description

2.1 General

Product Name/No.	Double Diamond Barrier Locking to Floor
Customer	The Australian Trellis Door Co.
Address	Head Office: Unit 5/1 Canal Road St Peters NSW 2044
Date of Test	23/06/2015

2.2 Product Information

Product Description	Fence panels are connected to vertical posts with two castor wheels for each post. Two panels are joined together with three bolts on each post to be slotted into the floor locking plate. See attached drawing for more details.
Dimensions	Width - 1700 mm Height - 2015 mm
Locking Method	Three point locking, 14 mm steel rods placed at each vertical post locking into the finished ground level lock plates
Opening Shape	Diamond
Openings (Interior Dimensions)	145 mm x 45 mm - corner to corner dimensions (see drawing for more detail)
Meets Height Requirement (1500 mm Minimum)	Yes 2015 mm

3 Testing

3.1 Simulated Climbing Test

The method used in this test is taken from AS 4687 - 2007, Section 4.2.

3.1.1 Procedure

1. A test apparatus with a lever arm of 400 mm is attached to the top centre of the infill panel.
2. A 65 kg weight is then attached to the end of the lever arm and left to hang freely
3. The weight is suspended for a period of 3 minutes
4. The load is removed after 3 minutes and the specimen is inspected for damage to the infill panel and structural members

3.1.2 Results

Weight Used	65 ± 0.5 kg
Time Elapsed	3 minutes
Signs of Breakage/Damage or Failure	Nil
Result	Pass

3.1.3 Pictures



Figure 1: Simulated Climbing Test

3.2 Wind Force Overturning Test

The method used in this test is taken from AS 4687 - 2007, Section 4.5.

3.2.1 Procedure

1. The specimen is set up in the test chamber
2. A horizontal wind speed is gradually applied to the specimen until the test value is reached
3. The force is held for 30 seconds at the maximum value
4. The specimen is observed for overturning and physical damage

3.2.2 Results

Wind speeds could not be achieved due to the physical nature of the product. The fan used in the test rig reached its maximum output of 50 Hz.

4 Conclusion and Signatories

4.1 Conclusion

From the results achieved, it is evident that the sample satisfied the tested requirements as per AS4687-2007 Temporary fencing and hoarding.

4.2 Signatories

Tested By: Ashley Horne
Signatory Name: ROB IRVING
Signatory Signature: [Signature]
Date: 14/7/15

Double Diamond Panel Looking to floor

NATA Accredited Laboratory
Number: 15147

This laboratory is accredited by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its scope of accreditation. This document shall not be reproduced, except in full.

Checked by: 