
TEST REPORT



A Z U M A
Design

NEUTRAL SALT SPRAY



CLIENT – CLASSIC SHUTTERS

PRODUCT – CLASSIC PREMIUM SHUTTER

TESTED BY

AZUMA DESIGN PTY LTD

AZT0291.19

This document shall not be reproduced, except in full

The results of the tests, calibrations and/or measurements included in this document are traceable to Australian/national standards

1 Customer Requirements

To test the sample for 1000 hours and examine for any corrosion or loss of function.

2 Test Sample Details

Model No./Name	Classic Premium Blind
Azuma Test Number	AZT0361.19
Manufactured By	Classic Shutters
Test Sample Description	Sample measures 295 mm (Width) x 396 mm (Height) and contains 3 louvre blades which operate together through the attachment of bars on each end. Sample supplied by customer in good condition and good working condition.
Date of Test	08/07/2019
Length of Test	1000 Hours
Date Completed	19/08/2019
Cabinet Description	KeSion KS-OTS-YW160
Salt Spray Solution Concentration	5 %
Collected Salt Spray Solution PH	6.8
Cabinet Temperature	35 °C

3 Standard Applied

Test methods used to test the sample are taken from The Australian Standard AS 2331.3.1-2001 Methods of test for metallic and related coatings - Corrosion and related property tests - Neutral salt spray (NSS) test.

4 Principle

Coatings are exposed to a corrosive atmosphere under controlled conditions for different durations. Resistance to corrosive attack is used to assess the quality of the coating against the conditions of the test.

5 Test Procedure

The following procedure was followed

1. The samples are arranged in the booth as described in AS 2331.3.1
2. The salt solution is mixed
3. The test chamber is then set to run for the requested amount of hours
4. The program is stopped at predetermined intervals, the samples are removed, washed with running water and inspected for signs of corrosion.
5. The samples are then re-enter into the test rig and the program is resumed until the next interval.
6. After required hours have been completed the specimen is removed and examined for corrosion.

6 Test Results

Duration	Observations
24 Hours	Nil - Operable
48 Hours	Nil - Operable
72 Hours	Nil - Operable
96 Hours	Nil - Operable
168 Hours	Nil - Operable
240 Hours	Nil - Operable
480 Hours	Nil - Operable
720 Hours	Nil - Operable
1000 Hours	Nil - Operable

7 Pictures



Figure 1: 24 Hours



Figure 2: 96 Hours

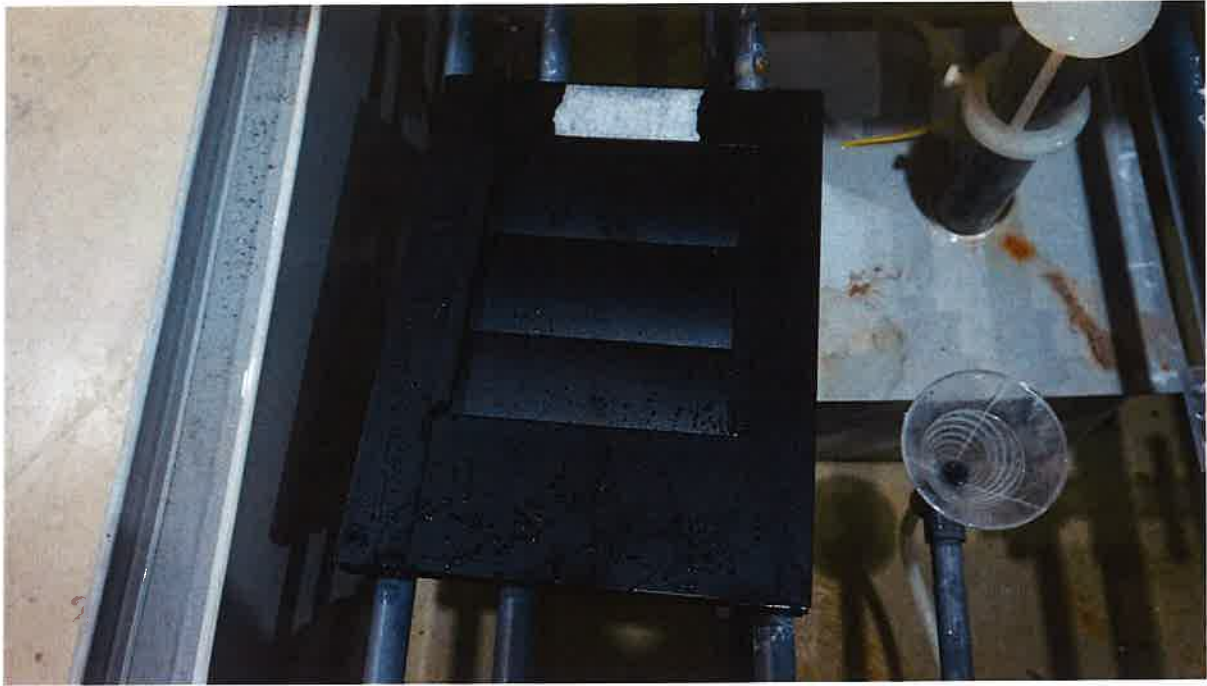


Figure 3: 240 Hours

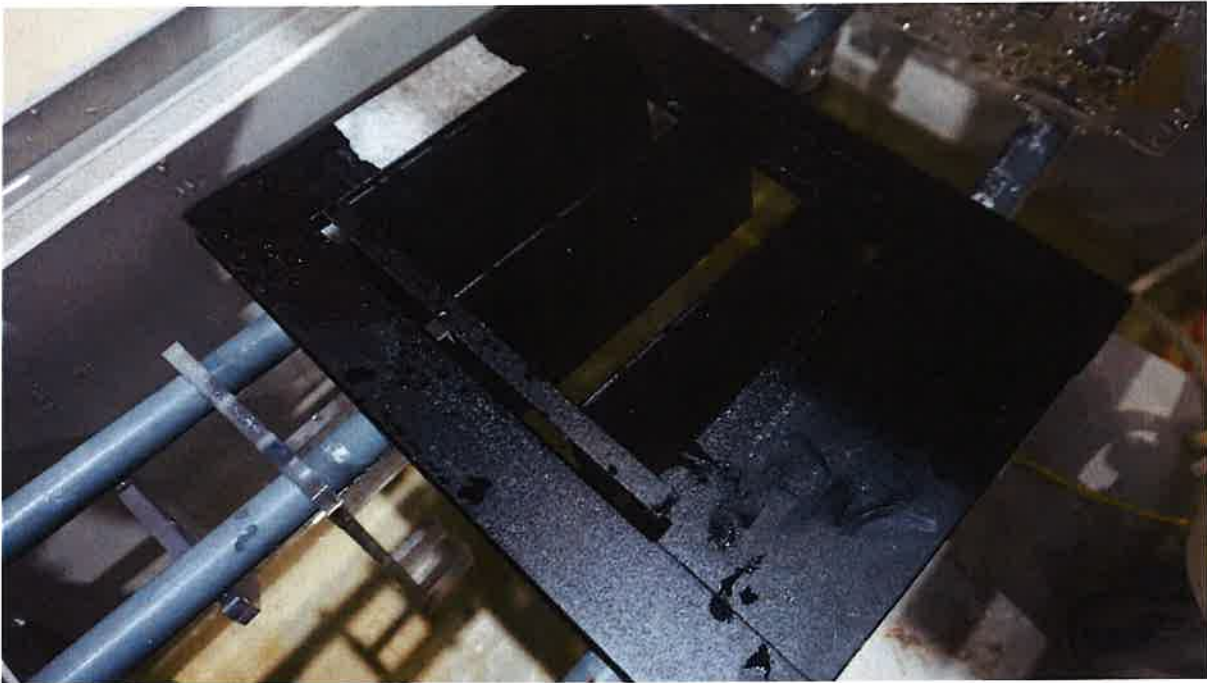


Figure 4: 720 Hours



Figure 5: 1000 Hours

8 Signatories

Tested By: Ash Horne

Signature: AHorne

Date: 19/08/2019