DSA
DOOR SEALS AUSTRALIA

Water Penetration Test, 200 Pa

Water was observed in 1 location during the test.

1/ Minor intermittent bubbling was observed at the bottom right corner of the sash seal. The water was contained on the seal throughout the test and, as it drained away at the conclusion of the test, it did not constitute failure.

Ultimate Strength Test: +3300 Pa & -1500 Pa

No sign of collapse was observed at either test pressure. When the negative pressure was increased to –1700 Pa the sash locks disengaged from the keepers allowing the sash to open.

CONCLUSION

The Cedar Awning Window sample achieved the following ratings per AS2047-1999 and Building Importance Level 2 when tested for Structural Deflection, Air Infiltration, Water Penetration Resistance and Ultimate Strength. Referenced Standards, building classifications, housing limitations and Region data are summarised in Appendix B.

NOTES:

1. Ratings have been calculated using the 2002 issue of AS/NZS 1170.2. The client can re-calculate the ratings using the 1989 issues of AS 1170.2 from the test results if required.
2. Ratings have only been calculated for BCA Building Importance Level 2. The client can re-calculate the ratings for other levels of importance from the test results if required.

Housing ratings:

Regions A & B.....N3 #
Region C.....+1400 # ..... and .....-640 # Pa
Region D .....+1110 # ..... and .....-500 # Pa

Residential and Commercial building ratings:

Region A .....+1610..... and ....-1000 Pa
Region B .....+1470 # ..... and .....-670 # Pa
Region C.....+1400 # ..... and .....-640 # Pa
Region D .....+1110 # ..... and .....-500 # Pa

‡ - rating is limited by the maximum water test pressure applied without failure.
# - rating is limited by the maximum ultimate test pressures applied without failure.

Air Infiltration: Airconditioned and Non-airconditioned Buildings

Maximum Water Penetration Resistance Pressure: 2000 Pa

National Association of Testing Authorities, Australia
NATA Endorsed Test Report
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