

Tested to AS2047

Under the Building Code of Australia, we are required to produce windows and doors that meet mandatory minimum specifications under Australian Standard (AS) 2047 – including AS1288.

Simulations of high winds and driving rains

AS4420.2 Deflection Test - positive and negative wind pressures are applied to the face of the window to test the maximum deflection under wind load.

AS4420.5 Water Penetration Resistance Test- to verify that no water leaks through the window into the building.

Air infiltration pressure

AS4220.4 Air In filtration Test – the air leakage of a window is tested to ensure energy and acoustic efficiency.

Operating Force requirement

AS4420.3 Operating Force Test – to verify that an opening sash is capable of opening and closing without undue effort.

Ultimate proof testing

AS4420.6 Ultimate Strength Test – negative and positive wind pressures are applied to the window to at least 1.5 times the design wind pressure to ensure it does not fail in unusual wind conditions.

