



Specimen of a double-glazed sliding window unit with separate aluminium perimeter frames (for the exterior and interior glazing) mounted on a common 140 mm wide x 20 mm thick timber sub-frame. The exterior glazing which consisted of one fixed and one horizontally sliding sash was separated from the two horizontally sliding sashes of the interior glazing by a 100 mm airgap. The glass in the exterior and interior sashes was 6.38 mm thick laminated glass and 10.38 mm thick laminated glass respectively. Both the aluminium perimeter frame and the aluminium frames of the sashes incorporated Q-LON 48511 seals.

The approximate mass per unit area of the specimen window was determined as 48.6 kg per sqm.

AS 1276-1979 Sound Transmission Class: 46

SOUND BARRIER SYSTEMS PTY LTD

NORTH RYDE LABORATORIES

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