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## An experimental study for the evaluation of airborne sound insulation performance of the small window

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**Key Words** : Side scuttle(현창), filler wall(채움벽체)

### ABSTRACT

Side scuttle in the shipboard windows is used in a smaller size in order to prevent damage to the glass. This shipboard windows should have high sound insulation performance (More than  $R_w$  53 dB) according to norsok standards. However, side scuttle having a small size and high sound insulation material is difficult to measure exact result without a suitable filler wall. In this study, the test was conducted according to the number of changes in the small window. As a result, before starting the test should be conducted to the selection of the suitable filler wall or secure a specimen area.

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