



TECHNICAL BULLETIN NO. 10

PRODUCT: XFLAM® INSULATION

JULY 2009

SITUATION: ACOUSTIC PROPERTIES

APPLICATION: SOUND INSULATION OF STEEL CLAD INSULATED PANEL

ISSUE: Attenuation of sound from one skin to the other of a steel clad insulated panel is a feature of this class of building materials, more especially the case when a rigid board is the insulation core.

BACKGROUND: Determination of the airborne sound insulation of XFLAM Panel by test method AS1191. Acoustics - Method for Laboratory Measurement of Airborne Sound Insulation of Building Elements. The weighted sound reduction index is then determined in accordance with AS/NZS-ISO 717.1 Acoustics - Rating of Sound Insulation in Buildings and of Building Elements Part 1 ; Airborne Sound Insulation.

$R_w(C, C_{tr})$	25 (-2, -2)
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Approval

Technical Manager
XFLAM Pty Ltd

References:
Acoustic Laboratories Australia Report ALA 09-080-3 March 2009