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Abbreviation

SR079

Valid from

01/01/1998

Information provider

BRANZ Limited

Author

G. J. Beattie

Information type

Study report

Format

PDF

Description

This study attempted to apply a theoretical approach, developed by a Swedish researcher (Ohlsson), to commonly constructed New Zealand floors to predict their dynamic suitability. Three floors were subjected to impact loads from a soft bag filled with a lead shot while their spans and other additions such as joist blocking and ceilings were varied. The first mode natural frequency of the floors, and the degree of damping, were used to estimate the suitability of the prediction from the Swedish model to New Zealand conditions.

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