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Long-term geothermal study - Build 172(2019)

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Abbreviation

Long-term geothermal study

Valid from

01/06/2019

Information provider

BRANZ Limited

Information type

BUILD article

Format

Website, PDF

Description

GEOTHERMAL EMISSIONS have negative impacts on the condition and safety of buildings and infrastructural assets. Four years ago, BRANZ started looking at how typical building materials perform in New Zealand's geothermal environment.

Technical outputs from short-term environmental monitoring and exposure testing gave an insight into the science behind material degradation and also challenged industrial and standard practices.

Scope

This article includes the following chapters:

- Materials perform differently
- Boundary being increased
- Corrosivity classification challenging
- Long-term performance monitoring needed
- New BRANZ study under way
- Research delivers improved knowledge
- More information available from BRANZ

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