



TECHNICAL REPORT

TESTING OF ASAFLEX OVER VIBRAMAT® ACOUSTIC MAT

Bostik Australia Pty Ltd has undertaken extensive testing of its high performance two part adhesive, ASAFLEX, to fix ceramic tiles over VIBRAMAT® - an acoustic mat supplied by Acoustic Supplies Pty Ltd. All testing was undertaken in accordance with AS4992.1:2006 Ceramic Tiles - Grouts & Adhesives.

Testing took place using both the 5mm and 10mm VIBRAMAT® and was conducted with and without the use of ASA DAMPFIX GOLD, a water based polyurethane waterproofing membrane.

In the testing undertaken, Bostik adhered the VIBRAMAT® to a concrete block using Bostik ULTRASET, a premium polyurethane flooring adhesive. This was allowed to cure, and the mat was primed using ASA MULTIPRIME, a waterbased acrylic primer. Once dry, testing was undertaken as follows:

- Testing for dry bond areas – tiles fixed directly to the VIBRAMAT® using ASAFLEX
- Testing for wet areas – ASA DAMPFIX GOLD was applied to VIBRAMAT® and allowed to fully cure and dry. ASAFLEX was then used to fix tiles directly over the membrane.

Testing was conducted for dry bonds after 28 days ambient cure. Testing was conducted for wet bonds, after 7 days ambient cure, and 21 days water immersion.

The strength results for all testing conducted indicates that the ASAFLEX is fit for purpose.

As a result Bostik Australia Pty Ltd will warrant the use of its ASAFLEX adhesive over VIBRAMAT® acoustic mat from Acoustic Supplies Pty Ltd in dry areas, and in conjunction with ASA DAMPFIX GOLD waterproofing membrane in wet areas. Contact Bostik Australia Pty Ltd for a detailed specification detailing the use of these products.

JOHN MOSES
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