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Selleys Pty Ltd 1 Gow Street PADSTOW NSW 2211

Attn: Heidi Stevens

Selleys Consulting & Product Development - Selleys Fireblock AC (suitable for use in wall systems exceeding Rw 60) - Acoustic Opinion

This letter provides our opinion regarding the acoustic performance of Selleys Fireblock AC (formerly known as Acryseal) sealant and the proposed changes in formulation. This opinion is a continuation of the previous opinion provided by this office (ref: 2012086.1/1712A/R0/VF, dated 17th December 2012).

It is understood that the current uncured (theoretical) specific gravity of the sealant is 1.548 and will change to a theoretical 1.579 based on the new formulations.

Based on this difference, there would be no measurable difference in performance, Given this, our previous opinions remain as follows:

- The cured density will (theoretically) be sufficient for a 13mm depth of sealant to seal panels having a surface density of up to approximately 40 kg/m² without measurably reducing the acoustic performance of the panel.
- Given a typical plasterboard sheet is around 10kg/m² (depending on whether it is standard or firerated and thickness), Selleys Fireblock AC would be suitable for use in systems lined with up to 3-4 sheets of plasterboard, and in systems exceeding R_w 60.

Naturally, heavier panels can be treated to a higher rating by increasing the depth or sealing both sides.

On this basis, Selleys Fireblock AC is suitable for use in wall systems exceeding R_w 60. Where a guarantee of acoustic performance is required then specific advice from an acoustic consultant should be sought as to the performance of the sealant in that application.

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We trust this information is satisfactory. Please contact us should you have any further queries.

Yours faithfully,

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Acoustic Logic Pty Ltd Adrian Zappia MAAS