

SWEDAC GLUE DG A2

SWEDAC DG A2 is a water-based acrylic glue designed for the control of structure borne noise and vibration in sheet material and wood products. Such stiff materials require very little excitation to produce resonant vibration and it is quite easy to produce structure borne vibration which is reradiated as noise in other parts of a building construction. Just how big a problem the noise becomes is dependent on the overall Loss Factor of the construction. Typical construction materials such as plywood, chipboard and plasterboard have very small loss factors in the region of 0.01 to 0.03 – that is to say, very little internal damping. By means of **SWEDAC DG A2**, the loss factor can be raised to 0.2 to 0.4 - the effect of which is to provide a noise reduction of 8 to 16 dB.

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Control of structure borne noise and vibration in sheet material and wood products.

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