

# Tecsound SY50 Product Data

**Description:** Tecsound SY 50 is a self-adhesive visco-elastic membrane used to attenuate airborne noise in a wide array of applications such as; floor, wall and ceiling as well as applying directly to metal work to reduce structural vibration.

**Dimensions:** 2.5mm x 6.05m x 1.22m (7.38m<sup>2</sup>)

**Mass:** 5 kg/m<sup>2</sup>

**Density:** 2000 Kg/m<sup>2</sup>

**Thermal Conductivity:** 0.037 W/m°C

**Temperature Stability:** -20°C to 60°C

**Compressive Strength:** 4.84 Kg/cm<sup>2</sup>

**Tensile Strength:** 30 N/cm<sup>2</sup>

**Fire Rating:** Euroclass B, s2, d0

**Features and Benefits:** Suitable for reducing both airborne and vibration on a large array of surfaces.  
Best used within GenieClip System between two layers of high density acoustic plasterboard to dampen resonance between boards and to attenuate airborne noise.  
Very flexible and adaptable material.  
Self-Adhesive backing for easy installation.  
Mould moisture and fungus resistant.  
Easy to mould into tight spaces.

**Performance:** Rw = 25.2dB Reduction hung as a curtain.  
Vibration Dampening

