



**Case Study: SAE Institute**  
**Contractor: Construction@SAE**  
**Builder: Construction@SAE**  
**Project Manager: Paul Oakes**  
**Client: BIS Investments**  
**Installation date: April 2010**  
**Account**  
**Managers: All**



## **Products Used: Acoustisorb 3 25mm and 50mm**

Tontine Insulation\* has supplied quality insulation for the refurbishment and expansion of the SAE Institute. SAE Institute was established in 1976 as the world's first practical audio engineering school. Since then, SAE's continued success has seen them expand its curriculum to include filmmaking, animation, web design and games design. The recent growth at SAE Melbourne campus, located in South Melbourne, has incited an expansion and upgrade of the facilities to include a new 100 seat auditorium and 8 new recording studios.

These upgrades utilising Tontine Acoustic Insulation will be replicated throughout all of SAE's campuses Australia-wide.

### **Situation:**

SAE's unique audio needs stipulated that the highest performing acoustic insulation would be necessary. The recording studios and educational facilities needed to be industry-standard and provide optimum sound absorption and reverberation control. Up to 600 students would be using the facilities daily.

Safety of the workforce was also paramount. Tontine Polyester Insulation was preferred to rockwool and glasswool because of its non-irritating properties, no need for special protective gear during installation, and no contaminants in the manufacturing process.



## Solution:

Tontine Insulation\* was able to meet the client's needs for quality acoustic insulation (both reverberation and sound transmission) and safety. The products used were Tontine Acoustisorb 3 25mm and 50mm.

Tontine Acoustisorb 3 is a medium/heavy weight flexible insulation manufactured from thermally bonded polyester fibre, with a minimum of 80% recycled fibres. It provides both thermal and acoustic insulation and is manufactured to comply with AS/NZ 4859 1. Acoustisorb 3 is the optimal product for acoustic applications and delivers premium sound absorption performance across the frequency range. Other uses include storage tanks, process equipment, appliance cabinets, plant rooms, acoustic baffles and acoustic silencers.

For more information about material safety data, please refer to Material Safety Data Sheets at [www.unitedbonded.com.au](http://www.unitedbonded.com.au)

## Photo Gallery

