



Case Study: Melbourne Ice House

Contractor: Kakosi

Builder: Hansen and Yuncken

Installation date: 2009

Account Managers: Peter Novak

Rachel Fletchere-Davies



Tontine Insulation* has supplied another iconic world class sports and entertainment complex with premium polyester insulation. The Icehouse is Melbourne's brand new, world-class ice sports and entertainment venue and home to the Olympic Winter Located at the Docklands. This exciting new development contains two Olympic-sized (60mx30m) ice rinks, state-of-the-art sound system and stadium seating for up to 1000 people.

Situation:

The client needed a quality insulation product which would meet the high-demand needs of this particular venue. Along with thermal insulation, acoustic insulation was of prime concern given the nature of activities the Icehouse would be used for. The client also preferred to use polyester insulation rather than fibreglass.

Solution:

Tontine Insulation* was able to meet the client's needs for quality product, flexibility, ease of transport and first-rate customer service. The products used were Nova 75mm, Acoustisorb 2 50mm and R1.5 Thermal soundbatt.

Tontine Nova is a flexible insulation blanket manufactured from thermally bonded polyester fibre. Nova provides both thermal and acoustic insulation. It has been designed for use with commercial cavity wall construction using steel studs and/or steel furring channels. The products are grey in colour. Tontine Nova has been developed to enhance the thermal rating and acoustic performance of light weight walls and ceilings used in modern apartments and commercial developments.

Acoustisorb 2 is a medium weight flexible insulation manufactured from thermally bonded polyester fibre, with a high percentage of recycled fibres. Acoustisorb 2 provides both thermal and acoustic insulation and is manufactured to comply with AS/NZS 4859.1. The products are grey in colour. They are ideal to be used in areas where the control of noise is critical like recording studios, cinemas and sports venues. Other uses include storage tanks, process equipment, appliance cabinets, plant rooms and acoustic baffles.



Tontine Thermal & Sound Batts are manufactured from thermally bonded polyester fibre, with 80% minimum recycled fibres. As well as being manufactured to comply with AS/NZS 4859.1, they provide both thermal and acoustic insulation, are non-toxic and user-friendly, and require no specific protective clothing to install. Tontine Thermal & Sound Batts will not corrode or deteriorate over time. The products are white in colour. They have been designed to provide a safe and efficient thermal and acoustic insulation for the Australian home owner. Tontine Thermal & Sound Batts are specifically designed for use in both internal and external walls and can improve energy efficiency, reduce greenhouse emissions and reduce sound transmission.

Physical properties and material safety data can be found on the Material Safety Data Sheets. Please refer to www.unitedbonded.com.au

