



Case Study:
**Cranbourne East P-12
School**
Contractor: Axiom
Builder: Abigroup
Client: Express Interiors
Installation date: April 2010
Account
Manager: Rachel Fletcher-Davies



Products Used: Tontine Thermal Batts (R2.0)

Tontine Insulation* has supplied the new Cranbourne East P-12 School with quality polyester insulation, Thermal Batts R2.0. Cranbourne East P-12 School is one of eleven schools being built in Melbourne's West, South and North under the PPP (Public Private Partnership) in Schools Project undertaken by *Partnerships Victoria*. This new infrastructure is set to bring together the best in contemporary educational design and promote active student-centred learning through the creation of flexible and functional spaces. It is proposed these schools will be leading examples in ecological sustainability, with a focus on the teaching of environmental sustainability with its practical application. The Cranbourne East P-12 School is scheduled to open in January 2011.

Situation:

Cranbourne East P-12 School needed a high-performing thermal insulation which would allow the project to meet strict Government 5-Star Energy Ratings as well as follow best 'green' building practice. Although the building won't receive an official Green Star rating, it is still imperative the project be as environmentally friendly as possible.

The client also stipulated the product must be easy to use and 100% safe for personnel to work with. Tontine Insulation was chosen as it contains no harmful VOCs, no formaldehyde, uses no chemicals in the manufacturing process and is 100% recyclable. Furthermore, Tontine Insulation requires no special protective gear for installation and is made from the same material found in polyester quilts and pillows.



Solution:

Tontine Insulation* was able to meet the requirements of the client for high performing insulation, environmental concerns and workplace safety with Tontine Thermal Batts R2.0.

Tontine Thermal Batts are lightweight insulation products manufactured from thermally bonded polyester fibre, with a minimum 83% recycled fibres. As well as being manufactured to comply with AS/NZ 4859.1, Tontine Thermal Batts are non-toxic and user-friendly, requiring no specific protective clothing. Tontine Thermal Batts will not corrode or deteriorate over time and also provide efficient acoustic insulation properties. Tontine Thermal Batts are ideal for use in walls, ceilings and sub-floors and will improve energy efficiency and reduce greenhouse gas emissions.

For more information about material safety data, please refer to Material Safety Data Sheets at www.unitedbonded.com.au

Photo Gallery

