



Australian Acoustical Society - Queensland
Division

Technical Meeting

6:30pm Tuesday 25th July 2017

Date: Tuesday 25th July 2017

Time: 6:30pm to 8:00pm

Venue: The Greek Club
29 Edmondstone Street
South Brisbane QLD 4101
<http://www.thegreekclub.com.au>



Title: “Sound Absorption and Polyester Fibre Materials”

Presenter: Malcolm McBlain
CSR Martini National Technical Services Manager

Presenter Bio: Malcolm has worked in acoustic materials and systems for over 20 years, gaining significant knowledge in the areas of architectural acoustics and in particular, room acoustics. He has worked closely with acoustic design professionals on many landmark projects in Australia.

Summary: The presentation will cover:

- The latest results of research into how density, thickness, fibre selection, blending, fibre surface characteristics and homogenous polyester composites impact upon the acoustic performance of polyester fibre materials.
- Key research findings from McGrory, Castro, Gausson and Cabrera.
- Key research findings from Leembruggen and Gilfillan.
- Other important areas of compliance for surface mounted absorbers such as:
 - The new AS 5637.1 *Determination of Fire Hazard Properties Wall and Ceiling Linings* standard referenced in NCC 2017 and

the implications when specifying surface lining materials in commercial buildings.

- Material Sustainability.

Copies of the referenced research papers will be available to attendees.

Cost: Free to current financial members of the Australian Acoustical Society. Non-members of the Society will be charged \$25 (correct amount in cash required) at the door for which a tax receipt will subsequently be issued.

RSVP: By close of business Monday 24th July 2017 to Richard Devereux
rdevereux@acran.com.au