



City of Boroondara  
Ashburton Pool & Recreational Centre  
Roof restoration



Corrosion Control | Asset Protection | Thermal Insulation





### Rust Conversion | Thermal Insulation | Asset Protection

City of Boroondara has used the Thermoshield application on a number of buildings with success in recent years. They were one of the first clients to fully grasp the multifaceted benefits of the Thermoshield restoration 'system'.

The Ashburton Pool & Recreational Centre was in the midst of a large scale renovation & wanted to avoid the costly process of roof replacement - & opted for the Thermoshield restoration in order which enables the client to better utilise available funds in other areas of the re-development.

The Ashburton project, is now the second project of this nature for the City of Boroondara after Thermoshield was involved in the coating of the Kew Leisure Centre (pool roof) in 2010.

The restoration process consisted of the following process:

- **Power washing** (minimum 3,500psi)
- **Rust Conversion** (if & where required)
- **Etch priming coating** (to ensure maximum adhesion)
- **2 coats of Thermoshield** (to a wet film thickness of 500 micron)

The project commenced in January 2012 in the midst of a prolonged heat wave with a record of days in excess of 40degrees.

***Following the coating, staff from the centre provided feedback that the indoor pool area was noticeably cooler & reduced the overall 'stuffiness' of the humid environment.***

In addition to Thermoshield being chosen as a cost effective solution to potential roof replacement - being able to greatly improve environment conditions to staff & patrons alike is a result that we are pleased to report.

# ASHBURTON POOL AND RECREATION CENTRE

To whom this my concern,

Recently Ashburton Pool and Recreation Centre (APARC), a large community based recreation centre that services approximately 60,000 attendances per month, 3500 members, 3000 swim school enrolments and variety of other programs and services was lucky enough to undergo some external roof works by Thermo Shield. The intention of this letter is not to outline that works completed by provide reference to both Thermo Shield as an operation and also the benefits APARC has observed as a result of the recent work.

Thermo Shield's General Manager Carson and his team of colleagues were professional, detailed, accommodating and efficient. The following two items were stand out points that illustrate why I would highly recommend them as a contractor:

- ✓ Health and Safety – this is a clear priority for Thermo Shield, their documentation was both detailed and concise, the way in which they operated was always safe and well thought out and their understanding of the importance of being accommodating with the YMCA's OH&S compliance items was outstanding
- ✓ General operation of Thermo Sheild was excellent, their ability to be accommodating with an operating centre was greatly appreciated and seemed to be of no detriment to their efficiency

Although I do not have the understanding to talk about the technical reasons why the roof works solution provided has made a positive effect on our centre's environmental foot print, I can talk to the anecdotal feedback we have received since its completion. APARC staff, members and guests have all observed an improvement in the temperate of the Indoor Pool space, an area which prior to the works was notoriously known for being a humid and uncomfortable environment. Since then we have observed both a temperature regulation that falls in line with our air handling and also a reduction in the condensation within that space. This has been extremely well received by members and guests as has the aesthetically pleasing look of the new pool hall roof from the Outdoor Pool concourse and car park.

Despite not being able to prove utility efficiencies in a quantitative sense due to the size and nature of APARC, we are certain it would have had a positive effect on our overall utility expenditure.

I am more than happy to be contacted by whomever this is passed on to about the feedback provided above.

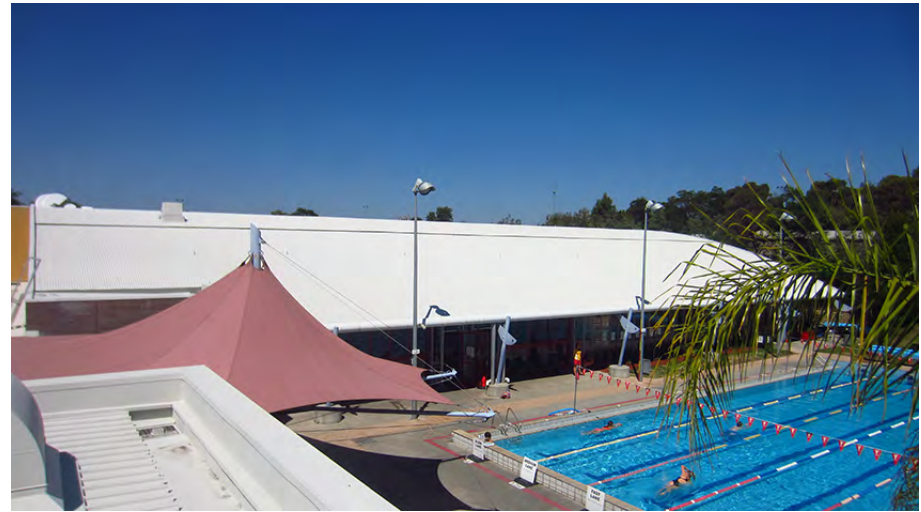
Kind Regards

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Below is a before & after comparison of the indoor pool area:



Below are two temperature readings – [left] from an area of the remaining red sheeting & [right] of a Thermoshield coated area:





Before & after photos looking back towards the stadium end of the recreational centre.  
Below photo also shows the colour contrast between Thermoshield white & 'shale grey' used on differing roofs:



Below shows prep & rust conversion of the yoga/personal training studio roof, followed by 'after' shot – in white Thermoshield





Below photos demonstrate the rust conversion process & ultimately resulting in being fully sealed.  
A process that was carried out over a large scale:





Before & after photos of the of roof above the entrance & gym area of the centre:



The primary purpose for the Thermoshield restoration was for rust conversion & providing a protective membrane to prolong the lifespan of the roof. In addition, the roof has come up like new, replacing the tired & faded appearance.

A result we at Thermoshield are delighted with!

