

bureau of meteorology

700 collins street, melbourne



Client: Australian Bureau of Meteorology
Project: Car Park Soffit / Floor
Insulation: Supplied by Dynamic Composite Technologies (DCT)
Product: **Dow PIR Tuff-R™** 44mm
R-Value: R2.0 — Thermal R-Value

The new Australian Bureau of Meteorology building, located on the western fringe of Melbourne's central business district, includes a purpose-built supercomputer facility, the National Meteorological Library, Research Centre, Training Centre and work place for more than 800 scientists, engineers, IT and management support specialists, meteorological students and administration staff.

Moving into the Docklands area has given the Bureau access to more robust and extensive external communications infrastructure than was possible in the previous location.

The relocation will ensure that our national and state headquarters are appropriately equipped to continue to provide the best meteorological, hydrological and oceanographic services to meet our statutory and mission goals and objectives.

The purpose built internal communications infrastructure has been designed to be flexible in anticipation of likely technological innovations. The building was officially commissioned at an opening on the 8th June 2006.

The Problem:

Excessive build up of heat in the underground car park soffit, radiating to the supercomputer and communication facility above. By itself the air-conditioning system could not redress this imbalance.

The Solution:

Dow PIR Tuff-R™ provided the optimum solution as it features the highest insulation value of any foam sheathing available making it ideal for Australia's extreme climatic conditions.

Dow PIR Tuff-R™ can be used to upgrade levels of insulation in buildings that have insufficient or no insulation easily, quickly and cost effectively.

Dow PIR Tuff-R™ is tough and durable to withstand normal construction site handling.

Environmental Data

Green Star Compliant
 CFC & HCFC Free
 Zero ODP
 LEED
 USGBC

info@greenspecsolutions.com.au