

Mount Waverley, Victoria | Salvation Army Support Office

Office building looks to reduce HVAC usage and save on cooling costs

Film Type: **OptiTune 22**



Project Task

The Salvation Army's Support Office were researching ways of cutting down on their HVAC usage when window film seemed to be a quick and cost-effective solution. However, laminated glass on the windows limited the choice of films able to be applied due to the risk of thermal stress.

Solution

OptiTune 22 film was recommended and trialled in one office. Internal monitoring between it and the adjacent office verified OptiTune's energy saving advantages. The film was subsequently applied to the entire building.

Outcome

Up to 30% of energy costs were cut due to the reduction of heat flowing into the building. Productivity was also improved due to the increased comfort with a more consistent temperature, as well as the reduction in glare, with less distractions when using computers in direct sunlight.



Inside: The OptiTune film range is reflective on the outside and non-reflective on the inside, with the reduced internal reflection aiding interior visibility, especially at night

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