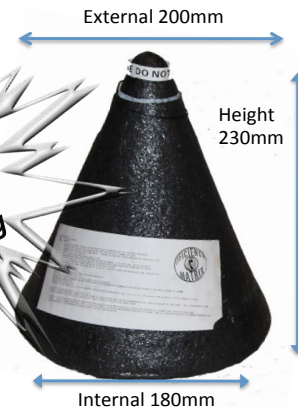


Downlight Mitt™

Model: Downmitt02

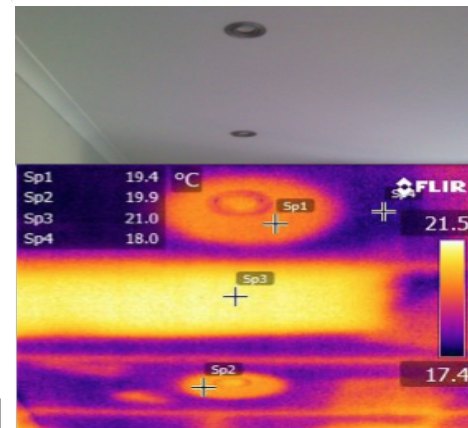
Focusing on maintaining the integrity of the building envelope for energy efficiency, sound proofings and fire ratings. Recessed lighting and in ceiling speakers, are great additions to any building but they turn your roof into swiss cheese with regards to heating, cooling, fire-rating and sound-proofing. The Downlight Mitt is manufactured from an intumescent material, it stops airflow and provides an R-value around the fitting. Due to its thermal insulating properties it extends the building envelope around devices built into the building envelope. In warmer climates the Downlight Mitt assists to restrict heat from your roof area mixing in with your living area air.

Save up to
30kW/h per year
per downlight
on heating/cooling



Thermal imaging of an Efficiency Matrix Cover installed showing insulation capabilities compared to an R-3.5 Insulation Batt

Downlight cover wall thickness is 8mm



Key Features

- Complies with AS/NZS 5110 as a combination barrier with select LED products. <http://efficiencymatrix.com.au/downlight-cover-support/>
- Complies with AS/NZS 3000:2007, assisting in keeping control gear away from insulation.
- Complies with AS/NZS 60598.1 and 60598.2.2 which now calls up AS/NZS 5110
- Bushfire and Commercial specification. Maintains fire protection performance of the ceiling. **AS 3959 & AS 1530 part 4**
- Provides thermal Insulation with an R value of .5 above and around the fitting.
- Removes insulation clearances for energy efficiency to reduce heating and cooling costs.
- Draught proofing
- Control Gear can be mounted/fixed with a cable tie out of the way of insulation.
- Cover can be fitted from above or below the ceiling. (Below ceiling installation requires a 80mm cut out)
- Prevents combustible materials and debris from coming into contact with the light fitting.
- Up to 2 Hour Fire rating. Capable of withstanding temperatures of 1000°C
- Acoustic benefits (sound proofing) RW38+CTR

Draught and Thermal Bridging Effect of Recessed Lighting



Efficiency Matrix

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