



## **DOWNLIGHT COVER 120-13**

### **PRODUCT DATA SHEET**

#### **Description and dimensions:**

Tapered recessed light cover, 200mm diameter at base, 120mm deep, 150mm diameter at top. Can be stack stored.

#### **Construction:**

Moulded fibre construction, treated with a unique fireproofing system. The interior is a purpose developed fire retardant system which carbonises and hardens in reaction to flame  
The entire unit weight is approximately 250grms

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#### **Applications:**

- For use in cold roof spaces where recessed halogen lighting of max 50 watt penetrates the ceiling fabric. Also useful between floors to reinstate the fire integrity of the penetrated ceiling and for acoustic purposes.
- Designed to be fitted to all non-flammable ceiling surfaces
- To provide a safe airspace between the light fitting and the insulation material.
- To provide an airtight enclosure around the recessed light ceiling penetration for the purpose of preventing warm air leakage from the dwelling.
- To prevent cold air drop from the roof space.
- To prevent loose material from falling onto the light fitting and causing a fire hazard.
- To provide a condensation barrier between the dwelling and the cold roof space



### **Safety testing:**

The specified product has been thermally tested by The Lighting Association to the standards required by BS EN 60598-1, Test report No L11812A. This test is in relation to the maximum permitted temperatures the halogen light fitting can reach without burning out or blowing. All recorded temperatures were within the permitted limits for the fitting.

### **Correct fitting of Downlight Covers**

- All junction boxes and transformer units must be placed outside of the unit.
  - Transformers should, where possible, be placed on top of the insulation to prevent overheating.
  - No excess loose wiring can be left inside the unit.
  - Where air-tightness is required, mastic to be applied to entire rim of unit and unit fitted over fitting with wiring through access slot. Fill slot with mastic to seal.
  - Insulation material can then safely be laid up to and over the unit.
  - Where air-tightness is not required, unit can be placed loosely over fitting.
  - Insulation material can then be placed around and over the unit.
- A dashed horizontal line is positioned below the list.

### **Storage:**

Units are stackable and should be stored in a dry environment at all times prior to use.

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### **Summary:**

This unit was designed to address the problems of substantial air leakage around recessed light fittings to cold air spaces and infiltration of cold air to the heated dwelling, and also to facilitate full levels of insulation material around and over the area where the recessed light is fitted. The unit is safe to use as directed and will not cause shorting of the bulb (up to 50W halogen). This unit can also be safely fitted over LED fittings. This unit is safety tested to the standard required by BSEN 60598-1