

# Specification Details



## Downlight Covers



### Key Points

- Provides a full fire and acoustic barrier when fitting downlights
- Tested to a wide range of ceiling types and constructions
- Easy to install - no screws, fixing or assembly required

### Features

- Made from fully intumescent mineral fibre, which expands to over three times its original volume in the event of a fire to provide a highly effective fire stopping seal
- Meets the requirements of IEE Wiring Regulations 17<sup>th</sup> Edition and building Regulations in terms of fire stopping of penetrations in fire protected ceilings
- Lightweight, fully flexible and easy to install with no screws or mastic required - can be fitted in seconds
- Suitable for both aluminium and dichroic reflector lamps
- Fully ventilated to prevent overheating of the fitting
- Ready made cable entry holes for ease of wiring
- Non-toxic and maintenance free

### Test Data

#### Fire Testing

**Products:** AFF109/150, AFF109/200, AFF109/250, AFF109/300, AFF109/350

**Construction:** Suspended ceilings, Solid timber joists protected by plasterboard, Timber or steel/timber composite joists protected by plasterboard

**Tested to:** BS 476:Pt.21, BS 476:Pt.23

**Test No.:** Chilt/A02105 Revision B

**Duration of protection:** 60 minutes

**Products:** AFF109/150, AFF109/200, AFF109/300

**Construction:** Plasterboard ceiling under timber joists

**Tested to:** BS 476:Pt.20, BS 476:Pt.22

**Test No.:** Chilt/IF03028

**Duration of protection:** Integrity Insulation - 120 minutes

#### Acoustic Testing

All products tested at BRE on party and internal ceilings and were found to reinstate the original acoustic performance, as below:

**Party Ceilings:** 60dB

**Internal Ceilings:** 40dB

**Test No.:** 218761/BRE

### Products

Product	Size	Weight	Fits cut-out (mm)	Max. height of fitting (mm)
AFF109/150	150 x 150mm	100g	50-75*	83-57*
AFF109/200	200 x 200mm	200g	55-100*	130-83*
AFF109/250	250 x 250mm	300g	60-140*	177-94*
AFF109/300	370 x 210mm	600g	100-250*	170*
AFF109/350	450 x 255mm	800g	100-270*	245*

\*Dependant upon fitting size/shape. Please contact us for more information



Mile End Business Park, Oswestry, Shropshire SY10 8NN

Tel. 01691 664100

Fax. 01691 664100

www.aico.co.uk

E & OE Our policy is one of continuous improvement.

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We reserve the right to amend designs and specifications without prior notice.

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Ei Electronics, Shannon, Ireland



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