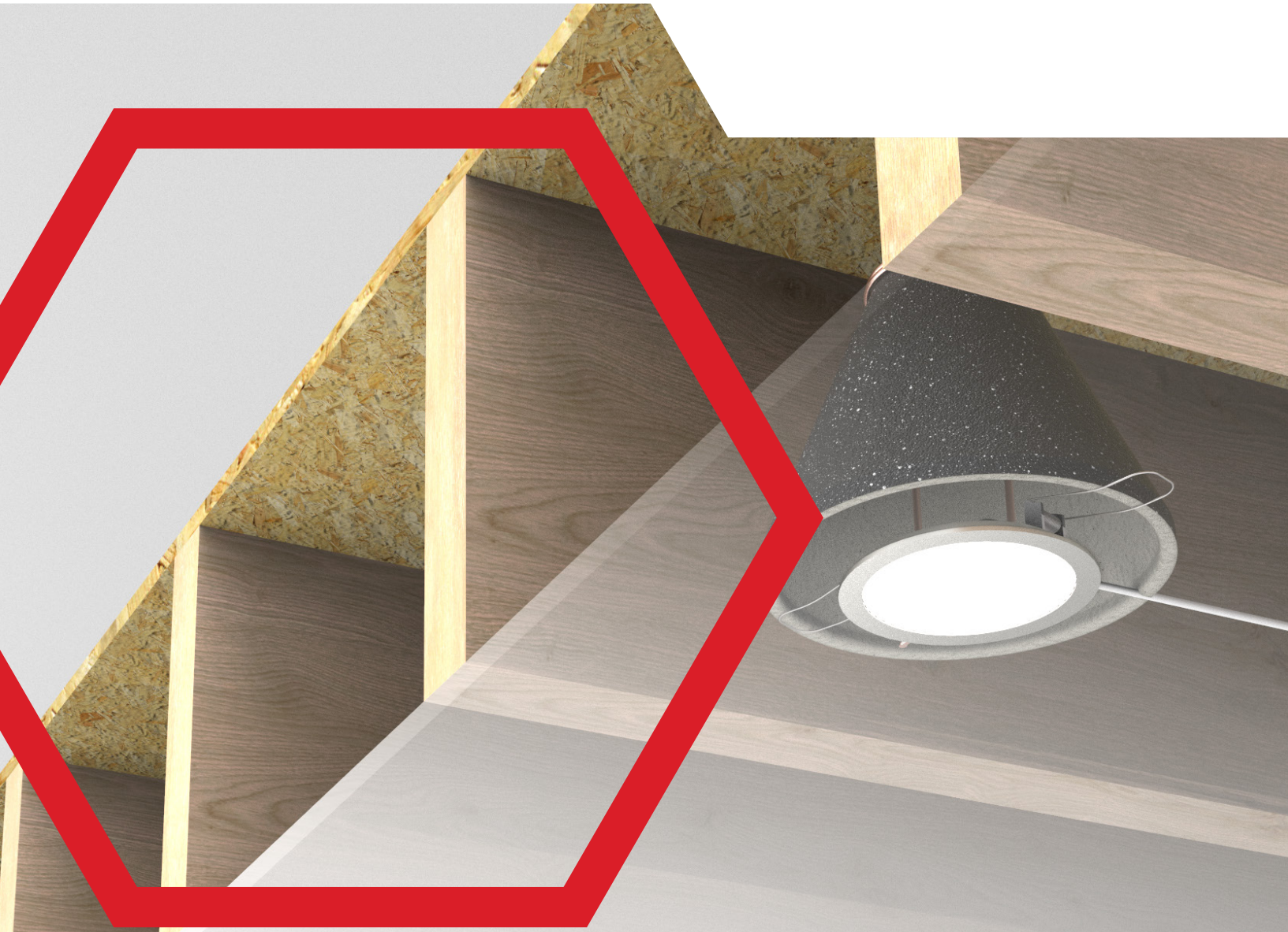




**Tenmat** | Passive  
Fire  
Protection

Advanced materials.  
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# FF109-200

1 Hour Fire Rated Downlight Cover  
Suitable for low profile LED lights up to 4"



Passive Fire Protection

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## Product Description

The FF109-200 is a cone-shaped intumescent enclosure which has been designed to help protect openings for 4" low profile LED downlight fixtures.

The high expansion and insulating properties of the material ensure that both, flame spread and heat transmission, are stopped for 60 minutes. The flexible material allows the cover to get rolled up for easy retrofit or new construction installation.

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## Key Benefits

- Easy Installation - can be fitted in seconds - no screws, drilling or additional sealant required
  - Can be folded and fitted from above or below the ceiling
  - 60 minute fire protection
  - Flexible material enables the cover to be fitted around obstacles or retro-fitted
  - Enhances the acoustic protection of the ceiling
  - Maintenance free
  - Lightweight
  - The only fire tested solution for retrofit applications
  - Fits most 4" low profile LED downlight fixtures and LED wafer lights
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## Approvals

ETL-Intertek certified to maintain the fire rating (1 hour) of fire-resistance rated floor/ceiling assemblies.

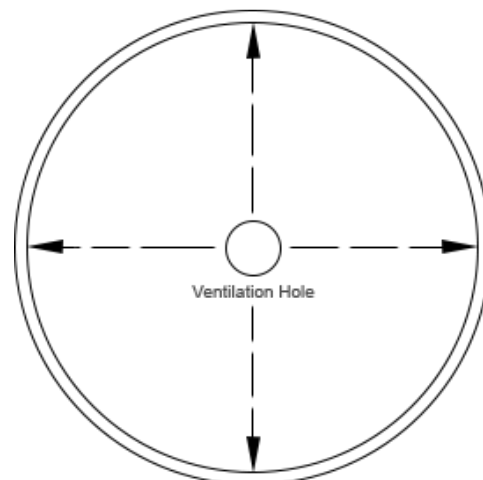
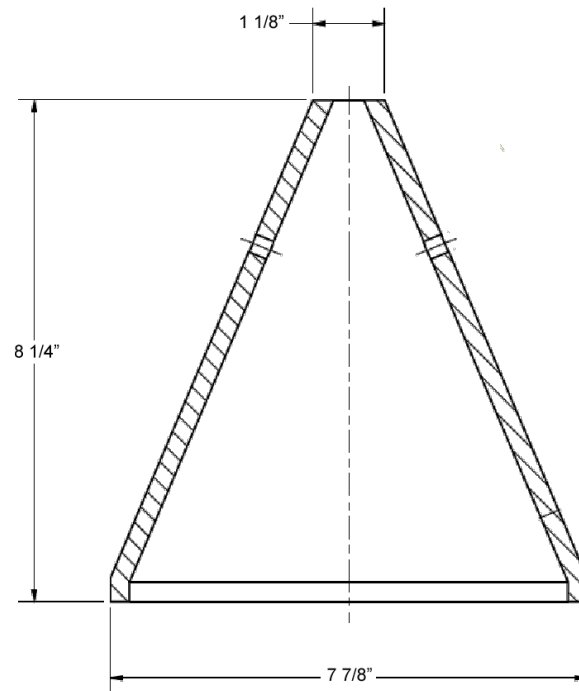
## Performance Data

## For Use:

- ETL-Intertek certified to maintain the fire rating (1 hour) of fire-resistance rated floor/ceiling assemblies.
- Tested to ASTM E119
- UBC 71
- NFPA 251
- ASI A2.1

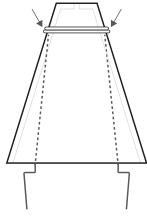


## Dimensions



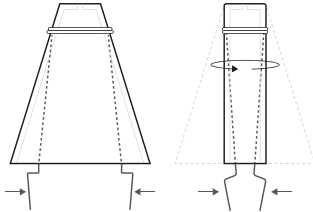
## Installation Steps

\*Install junction box according to manufacturer instructions.



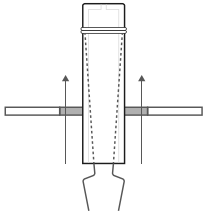
### STEP 1

Ensure the metal wire, which is included with the cover, is inserted through the pre-punched slots located near the top of the cover. Following this action will ensure the coil is secured around the outside of the cone.



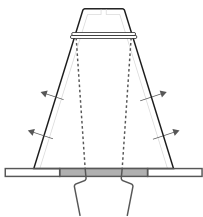
### STEP 2

Grasp the legs of the bronze wire firmly and roll cover into a tight cylinder.



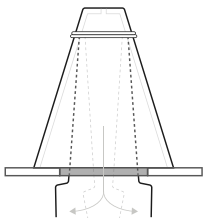
### STEP 3

Keeping a tight grip on the legs, feed the cover through the ceiling cutout.



### STEP 4

Ensure the cover has sprung back into its original cone shape before proceeding.



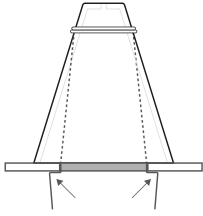
### STEP 5

Grasp legs and pull down until L section clears the underside of the ceiling.

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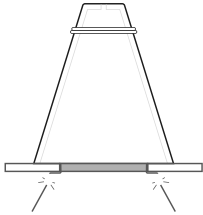
**Installation Steps (Continued)**

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**STEP 6**

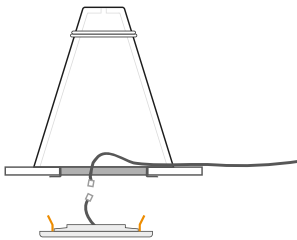
Move legs out until vertical part of L section is flush with the side of the cut out. Release the legs so they grip the underside of the ceiling.

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**STEP 7**

Remove the excess of both legs.

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**STEP 8**

Once the cover is in place, the LED light element can be fitted following the light manufacturer's instructions.

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## Safety Considerations

\*Be sure the electricity to the system you are working on is turned off; either the fuse removed or the circuit breaker set at off.

### *CONTAINS STONE WOOL INSULATION*

Stone fibers may cause temporary mechanical irritation to the skin, throat, nose and eyes.

### *FIRST AID*

#### **Skin**

If irritation occurs, do not rub or scratch. Rinse under running water prior to washing with mild soap and water. Consult a physician if irritation persists.

#### **Throat and Eyes**

If irritation occurs, flush eyes with water and/or drink water to clear throat. Do not rub the eyes. Consult a physician if irritation persists.

### *PRECAUTIONS*

Wear long sleeve, loose fitting clothing, gloves and eye protection. For additional information, refer to the Material Safety Data Sheet.



# FF109-200

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