

Key Features:

- Flexible and lightweight
- Ready to install
- No assembly required
- Up to 120 minutes fire rating
- Cost effective
- Ventilated to reduce heat build up



TENMAT's FF109 Downlighter Covers have been developed to provide maximum protection for holes created by the introduction of medium/large downlighters and to allow for maximum ease of fitting. In a fire situation, the cover expands internally to fill the available space with a fire resistant highly insulating char. The fire is unable to penetrate the hole and the cover is able to give additional insulation protection to the ceiling void by reducing the chance of heat build up and the ignition of flammables, such as accumulated dust and insulation. The penetration in the ceiling also provides a path for air, thus creating drafts, the fitting of a FF109 cover reduces this problem.

Test Data

Report Type	Fire Test Lab	Report Number	Test Standard	Fire Rating
Classification	UL *	R25019	UL263 *	60 mins
Classification Report	Giordano	311120/3599FR	EN13501-2	120 mins
Fire Test	Giordano	311120/3599FR	EN1365-2	120 mins
Fire Test	BRE	TE94667	EN1365-2	60 mins
Fire Test	Exova	IF10047	EN 1364-2	30 mins
Fire Test	Exova	IF03028	BS476	120 mins
Fire Test	BRE	FG8962/208217	BS476	60 mins
Assessment	Exova	A02105 Rev C	BS476	60 mins
Application Report (Auz/NZ)	BRANZ	FC2032	AS1530.4	60 mins
Assessment (Aus/NZ)	BRANZ	FAR2032	AS1530.4	60 mins

* FF109-300 (300x170mm) only

Product Dimensions

Cover Size (OD x Height)	Downlighter Cut-out Size	Downlighter Height
300 x 170 mm	145-270 mm	≤ 170 mm
350 x 230 mm	145-270 mm	≤ 230 mm

General Fitting Instructions

For detailed fitting instructions for various applications please contact **TENMAT**.



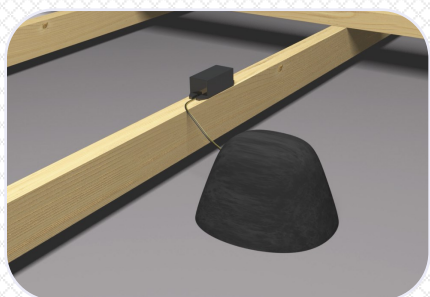
- Flatten cover
- Fold cover into quarters



- Feed cover through cut-out hole
- Ensure cover has sprung back into its original shape and will fit centrally over the fitting



- Fit downlighter as normal, with the transformer outside of the cover



- Cables can be passed through the vent slots or tight fitting holes made in the cover

N.B. For US fitting instructions, see www.tenmat-us.com