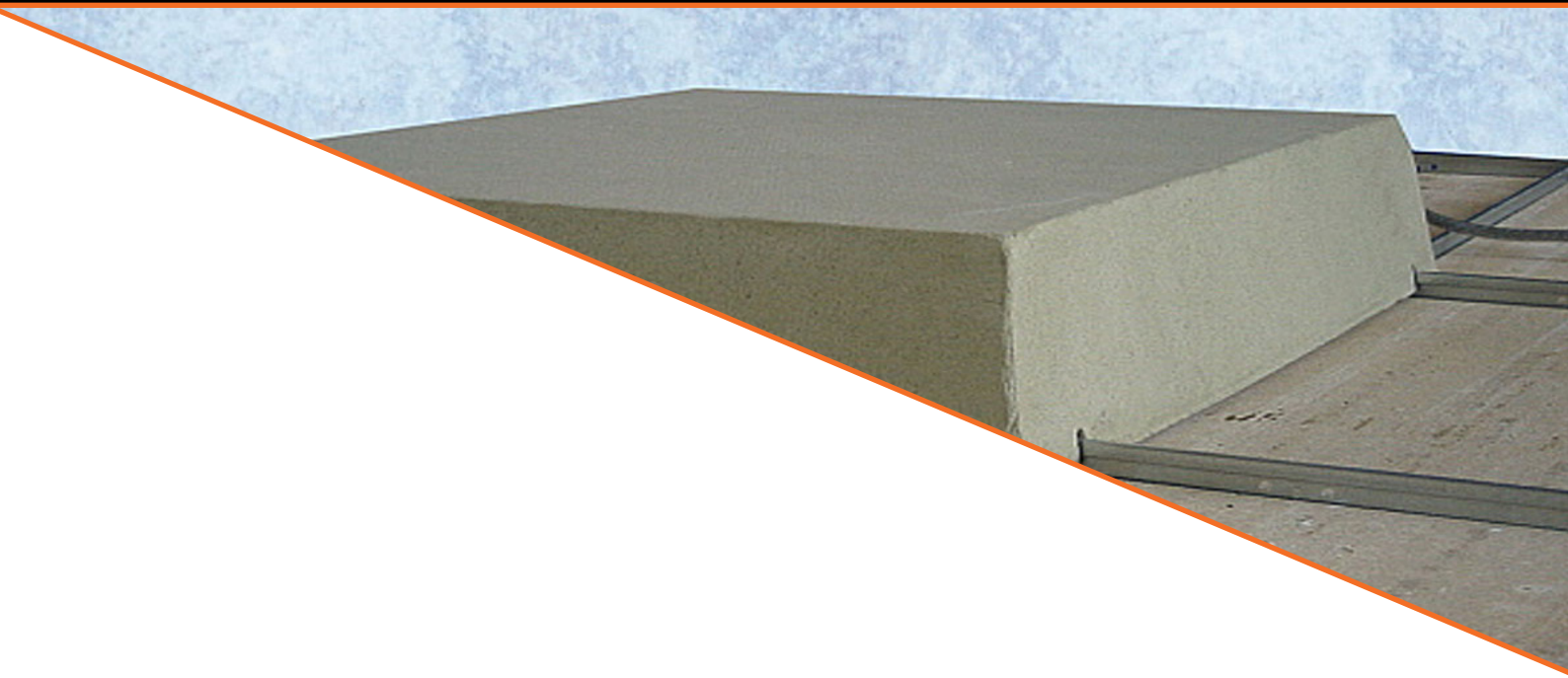


Technical Data Sheet

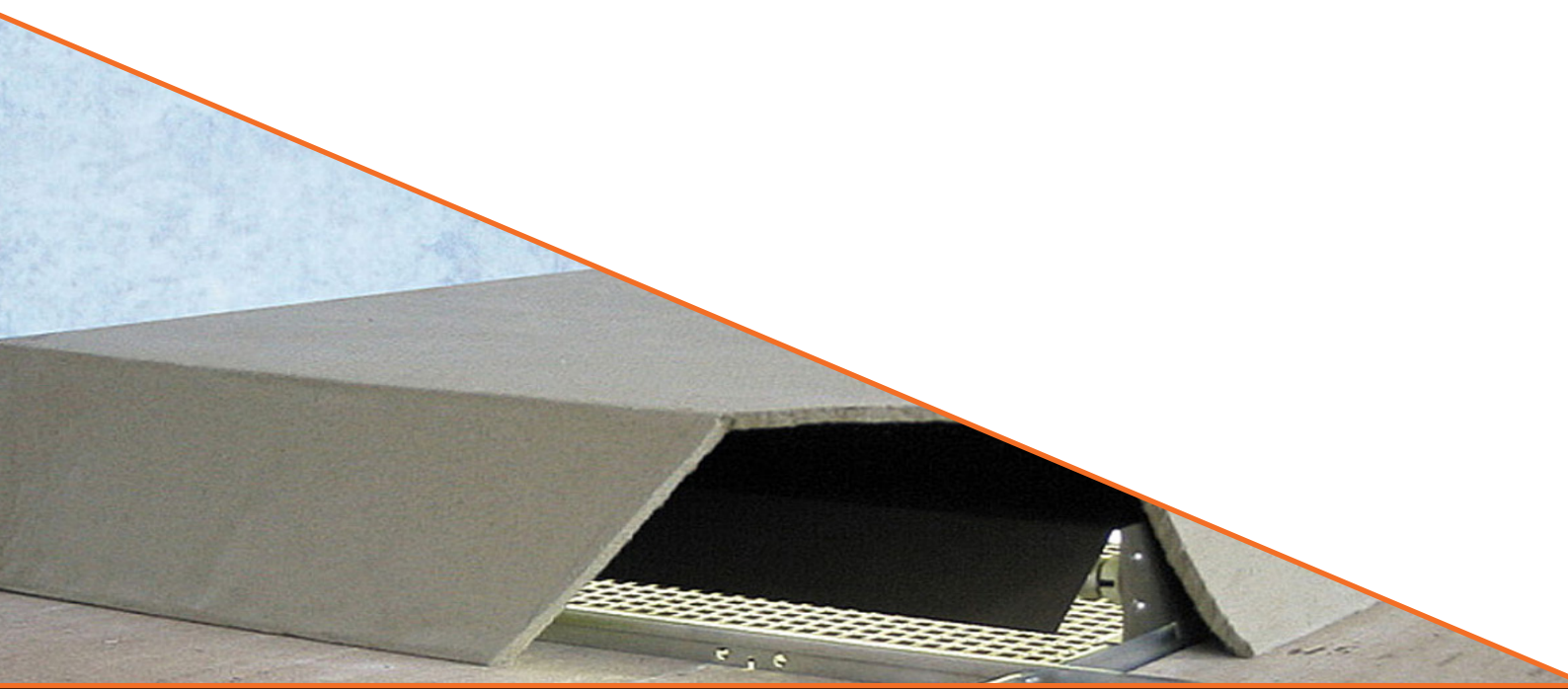
Astro Lumi Cover

Revision 2 - 13th January 2022





> Technical Data	General Product Description, Product Details, Test Data & Sizes	> Page 1
> Technical Data	Fire Test Evidence	> Page 1
> Technical Data	Fitting Instructions	> Page 2



General Product Description

Astroflame's Astro Lumi Covers are fire rated covers or fire canopies designed to fire rate recessed luminaire or fluorescent module fixtures and reinstate the performance of ceilings when penetrated by recessed lights. They help to maintain the fire protection performance of the element protected by the ceiling - preventing or delaying the spread of fire.

The Astro Lumi Covers are available to suit all common 600 x 600 mm and 1200 x 600 mm fixtures. The covers are ready to install, with no assembly required, and can even be retrofitted into position due to their flexible and durable design. They can be fitted from above or below the ceiling – through the diagonal in the ceiling grid, or folded for tight ceiling spaces. The insulating nature of the covers also offers significant thermal and acoustic benefits to the ceiling system.

Product Details

- 60 Minutes Fire Rating to BS 476 Part 23 in suspended ceilings protecting Structural Steel
- Up to 120 Minutes Fire Rating to UL263 / ULC S101-07
- 120 Minutes Fire Rating to EN1365-2 / EN13501-2 in suspended ceilings protecting solid floors
- Provides thermal and acoustic insulation
- Lightweight and flexible, offering easy installation
- No assembly required

Test Data

Report Type	Fire Test Lab	Report Number	Test Standard	Tested Structure	Fire Rating (minutes)
Classification	Giordano	311120/3599FR	EN13501-2	Concrete/hollow clay tile floor protected by min. fibre suspended ceiling	120
Classification	UL Listing	R25019	UL 263 & ULC S101-07	1-hour fire rated D200, G200, L200 & P200 UL Listing Designs	60
Assessment	Exova	A04038	BS476	Structural Steel protected by min. fibre suspended ceiling	60
Fire Test	BRE	FG8962/208217	BS476	Structural Steel protected by min. fibre suspended ceiling	60

Sizes

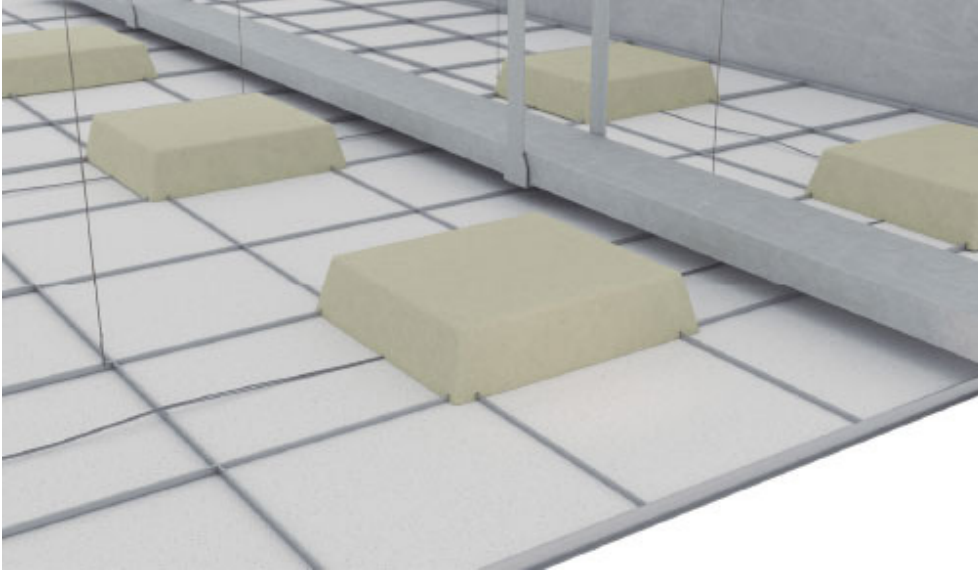
To Suit Ceiling Module Size	Nominal Cover Dimensions	Nominal Cover Height
600 x 600mm	670 x 730mm	155mm
1200 x 600mm	1380 x 750mm	140mm

Storage & Durability

Storage	Dry, ambient
Transportation storage temperature	-20°C to +70°C
Working Life	48 years
Smoke/Halogen Content	Low Smoke / Zero Halogen

Fitting Instructions

- Pierce suitable holes in cover for cables to pass through.
Note: cables should be a tight fit
- Pass cover diagonally through ceiling opening, or fold if the space is tight
- Ensure cover slots are located over ceiling grid, and cover sits flush with ceiling tiles
- Pass cables through pre-made holes, and fit light fitting as normal
- Transformers should be situated outside the cover
- In a fire situation, the cover prevents the fire from penetrating the ceiling for up to 120 minutes



Installation

We have technical representatives who provide assistance in the selection and specification of the products on this site and should be consulted for exact installation and product suitability. Ensure an early engagement with ourselves, designers, main contractor and specialist installers before any installation. Other trades and/or manufacturers may need to be consulted. For in-depth information, specification and technical advice please call our Head Office on tel [01329 844 500](tel:01329844500) or email sales@astroflame.com

Maintenance

All interested parties, designer, specifier, main contractor and specialist installers should provide access to allow the fire stopping seals to be regularly inspected and maintained, as well as records kept of such maintenance at minimum periods of 12 months, as required by the Regulatory Reform Order, and repaired if necessary. Reference should be made to the relevant Code of Practice for the Installation and Inspection of Fire Stopping.

Competency

It is vital that those entrusted to design or install a fire stopping product have the necessary levels of competence to undertake the task professionally and thoroughly. The level of competency required will be commensurate with the expected complexity of the building. All designers must eliminate, reduce or control foreseeable risks that may arise during installation, construction or maintenance when preparing or modifying designs. Clients should ensure that the principal designer and principal contractor carry out their duties under CDM regulations. The ASFP foundation course in passive fire protection provides essential knowledge as part of demonstrating competency and understanding in this key fire protection specialism.

Additional Notes

For further information on installation requirements please refer to the lighting fitting or suspended ceiling manufacturer data to ensure the compatibility of this product, if in doubt please contact the technical team on tel [01329 844 500](tel:01329844500) or email sales@astroflame.com

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