

FF120 RF Loft Covers

Designed to ensure the safe installation of electrical ceiling fittings such as LED and Halogen downlights when installed within loose or rolled insulation.

Product Description

Many fires are due to the presence of downlights recessed in the ceiling that have not been protected from the risk of fire starting. These conditions have led the CCFTA to create new standards with the obligation to install approved fire hoods.

The FF120 RF Loft Cover provides a protective barrier over recessed ceiling fixtures such as LED and halogen downlights; ensuring attic/loft insulation does not directly contact the downlight or ceiling accessory. The FF120 RF Loft Cover design provides sufficient ventilation around the downlight for heat dissipation.

In 2016, a procedure (Avis Technique) was created by CSTB N° 3693-V2 for the safe protection of recessed downlights. The CCFTA decided to develop a standard for insulation works in loft / attic spaces and created the NF DTU 41.10 and NF DTU 45.11.

The FF120 RF also provides dust particle ingress protection to limit airborne combustible materials from coming into contact with downlights and is tested to the IP6X and IP4X ratings.

Technical Details

- Manufactured from non-combustible material
- A1 Reaction to Fire to EN 13501
- Complies with thermal insulation requirements in NF DTU 45.10 and NF DTU 45.11

Product Benefits

- Prevents contact between downlights and insulation materials
- Suitable for a range of insulation types including blown-in, loose fill and rolls
- Prevents thermal bridging
- Allows for continuous insulation to be installed over the FF120 RF Loft Cover
- Lightweight
- No assembly
- Suits all the most common downlight types
- Energy saving

Test Data

Report Type	Standard	Accredited Test Method	Name of Laboratory	Result
Heat Build Up Testing	NF DTU 45.11 P1-1 NF DTU 45.10 P1-1	NF DTU 45.11 P1-2:2020	CSTB	Pass
Dust Tightness	IP6X	ISO 60 529: 1992 + A1 (2000) & A2 (2014)	SOPAVID	Pass
Particle Ingress	IP4X			
Reaction to Fire	EN 13501-1 2007 & 2009	EN ISO 1182: 2010	WFRGENT nv	A1 Classification

Sizes

Loft Cover	Nominal Height	Nominal Diameter (top)	Nominal Diameter (base)
FF120 RF	200mm	172.5mm	290-300 mm (ellipse)

Packaging

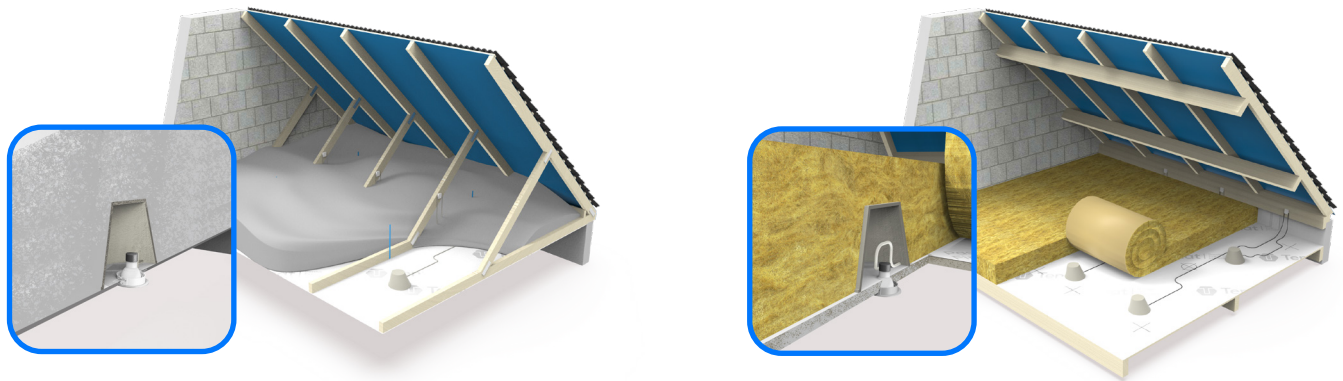
Item Number	Box	Pallet	Container
FF120 RF / 10	10	280	6160
FF120 RF / 40	40	560	12320

Technical

Property	Units	Value
Colour		Cream
Weight	Kg	0.27
Density	Kg/m ³	180
Fire Classification	EN 13501-1 2007 & 2009	A1
Halogen Content		Zero Halogen / Halogen Free
Max. Lamp Wattage		50 Watt, 12V, MR16, Dichroic

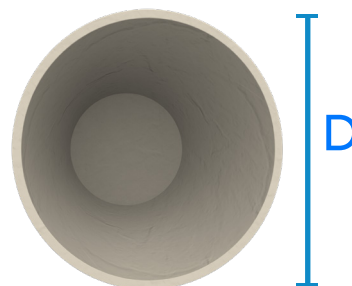
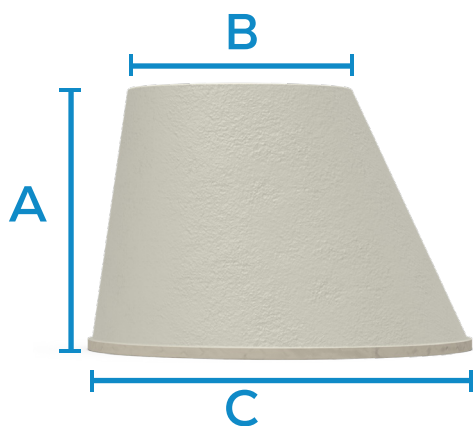
Storage & Durability

Transportation storage temperature	-20°C to +50°C
Storage Conditions	Dry, ambient conditions
Shelf Life	Indefinite under normal working conditions
Assumed Working Life	> 60 years



*Complies with current thermal insulation of loft / attic spaces when blowing loose-fill (mineral wool, cotton or paper cellulose insulation) and rolls or boards of mineral wool according to regulations NF DTU 45.10 and NF DTU 45.11.

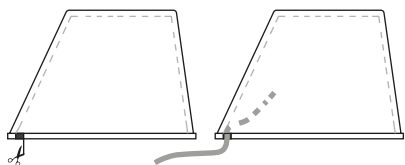
Product Dimensions



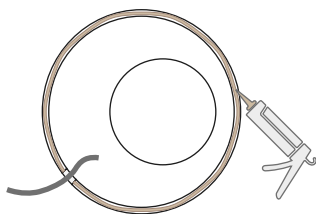
- A - 200mm
- B - 172.5mm
- C - 290mm
- D - 300mm

Nominal Thickness - 8mm

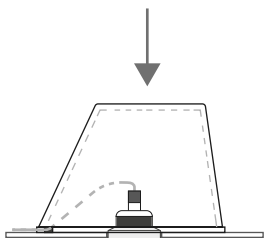
Installation Instructions

**STEP 1**

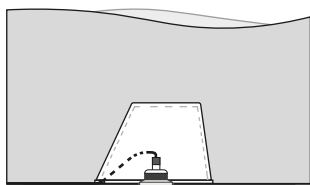
Make a small slit at base of cover for cable

**STEP 2**

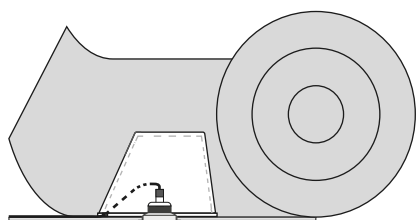
Cover base of loft cover with sealant and also ensure cable entry point is sealed

**STEP 3**

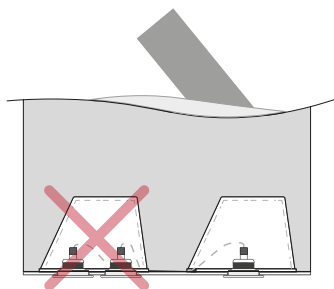
Sit FF120 RF Loft Cover over downlight and press into place. Ensure a dust tight seal

**STEP 4****(Option 1)**

Blown insulation must cover the FF120 RF Loft Covers with insulation as per the NF DTU-45.11 requirement

**(Option 2)**

Rolled insulation must cover the FF120 RF Loft Covers fully as per the NF DTU-45.10 requirement

**NOTE**

Only one ceiling accessory / downlight should be installed per cover

FF120 RF Loft Covers

Tenmat Ltd
Ashburton Rd West, Manchester
M17 1TD United Kingdom

+44 161 872 2181
fpsales@tenmat.com

tenmat.com



Advanced materials.
tenmat.com

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