ASTROFLAME
MANUFACTURERS OF PASSIVE FIRE STOP PRODUCTS

Installation Data Sheet

Loft Cone Vapour Seal - Installation Guide

Introduction

The purpose of this document is to give guidance to approved contractors and suppliers who are engaged in the vapour sealing of service penetrations in structures using the Astro LC Loft Cone

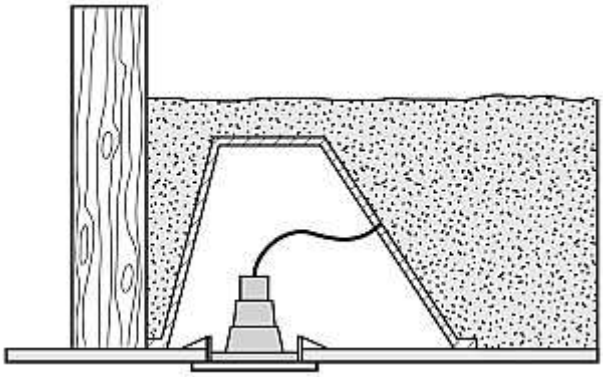
All service holes through Ceilings must be vapour sealed to prevent the passage of condensation

The ASTRO LC Loft Cone System

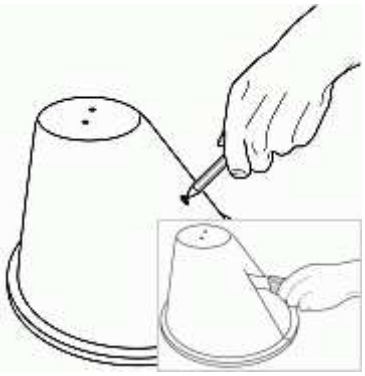
The opening created in a ceiling by the installation of downlights / spotlights is a potential leakage point for condensation and vapours.

To combat this the F-Capped ASTRO LC Loft Cone has been developed to offer maximum protection for installation openings created by the introduction of a downlighter with maximum ease of fitting.

Suitable for downlights with cut-out dimensions of 50 - 100mm.

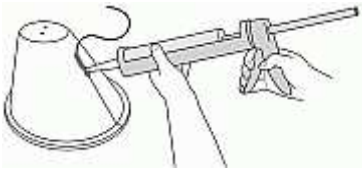


Installation



Step 1

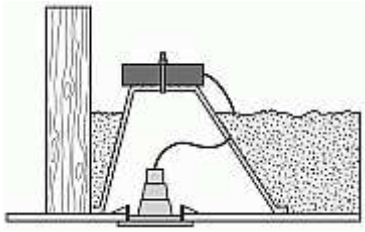
Make a small hole or slit in the Loft Cone for the cable.



Step 2

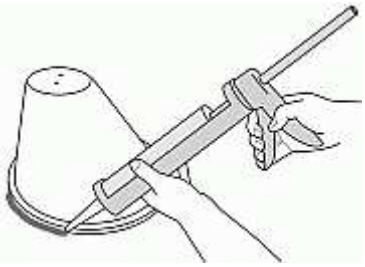
After placing cover over downlight, pass cable through Loft.

Cover and seal up any holes or slits with silicone sealant



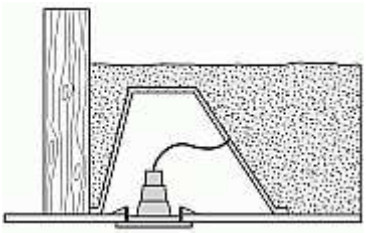
Step 3

If insulation level will not completely cover or bury Loft Cone, the transformer can be located on the top of the cover, securing with a nylon cable tie



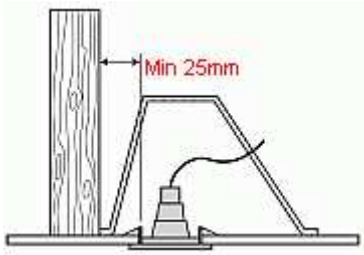
Step 4

Seal around base of Loft Cone with silicone sealant to secure in place



Step 5

If insulation will cover or bury the Loft Cone, the transformer must be mounted clear of insulation following transformer manufactuers recommendations



Step 6

NB. The Loft Cone is approved for installation in contact with combustible surfaces, eg timber.

The downlight must be min. 25mm away from joist.

Fit the downlighter cover as per the manufacture's instructions -

Remote gearboxes and transformers must be situated outside of the Loft Cone.

Please note: No part of the fitting should touch the inside of the downlighter cover when the cover is centrally located above the cut hole.

Compliance

Astro LC Loft Cones are manufactured in the EU, meeting the highest quality standard in compliance with ISO EN 9001:2000 .

30 minute fire rated.

Tested for 50 Watt lamps.

Thermal test BS EN 60598 Section 12.4 and BS 476 Part 20.

IP6X dust tight

Greendeal Compliant.

PAS 2030 Compliant.

Energy Efficiency Partnership for Homes (EEPN) Compliant.

CITB - Construction Skills: General requirements and guidance for the installation of loft insulation - Compliant.

For test certification contact Astroflame Fireseals technical department.

Storage and disposal

Astro Loft Cone should be stored indoors. No shelf life is given as this product will not deteriorate in storage.

For additional testing, certification or technical information please contact ASTROFLAME FIRESEALS LTD.

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Astroflame (Fire Seals) Ltd. Intumescent House
Unit 8, The IO Centre, Stephenson Road, Segensworth
FAREHAM, ENGLAND PO15 5RU

tel 0800 023 2482
(01329 844500)

fax 0800 023 2483
(01329 844600)

intl
tel +44 1329 844500

fax +44 1329 844600

email sales@astroflame.com