

Acoustic Vent Sleeve

Trade Names:

ASTRO ACOUSTIC VENT SLEEVE

Introduction

The purpose of this document is to give guidance to approved contractors and suppliers who are engaged in the fire stopping of service penetrations in fire rated structures using the Astro Acoustic Vent Sleeve

All service holes through ceilings must be fire stopped to prevent the passage of fire, smoke and hot gases.

Prevent the spread of fire, smoke and hot gases through a building by containing it in the compartment of origin.

Maintain the integrity of escape routes from a building.

Reduce loss or damage to property from the effect of fire and smoke.

Maintain pressure differential between compartments and ventilation channels.

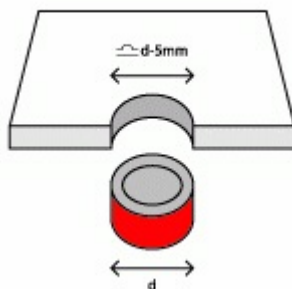
The Astro Acoustic Vent Sleeve

The Astro Acoustic Vent Sleeve has been developed to provide maximum protection for holes created by the introduction of the most popular sizes of polymeric recessed ceiling fans and vents with minimal installation time.

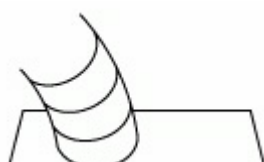
In a fire situation, the sleeve expands internally to crush the spigot of the fan / vent and create an effective barrier against both heat and flames. Unlike other "Intumescent" materials the Astro Acoustic Vent Sleeve do not need additional support and will only expand inwards.

Installation

Step One



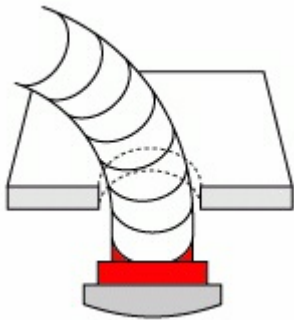
Use OD of sleeve as a template and cut a hole in ceiling to provide a snug fit



Step Two

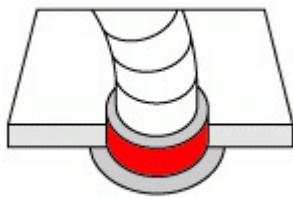
* Place sleeve and spigot extension, if required, onto the fan / vent spigot.

* The spigot extension is not required unless the spigot length of the fan / vent is not long enough to attach to the hose or rigid ducting with the sleeve fitted. The spigot extension can be shortened for "tight" ceiling voids.



Step Three

Attach flexible hose to spigot.



Step Four

Ease the fan and sleeve into the ceiling cut out and locate with rigid ducting if required. Attach fan / vent to ceiling in the normal way.

Compliance

Astro Acoustic Vent Sleeves are manufactured in the EU, meeting the highest quality standard in compliance with ISO EN 9001:2000 . For fire test certification contact Astroflame Fireseals technical department.

Fire Test and Assessment Reports

BS Standard 476 part 21 30 & 60 minute ratings.

Fire Tests

Tested to BS 476 for 2 hours

Availability

Available in singles or boxes of 10

Item	Diameter	Product Ref	Cut out Required
Acoustic vent sleeve	80	AFAVS80	110mm
Acoustic vent sleeve	100	AFAVS100	127mm

Storage And Disposal

For long term storage and ease of installation, it is recommended that the product 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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