

ACOUSTIC DOWNLIGHTER HOODS - Fire rated acoustic hoods



Key Benefits

- Acoustic Rated
- Installed in minutes
- Ventilated to reduce heat build up
- 30 – 60 minute fire rated
- No screws, drilling or additional supported required
- Available from stock

Description

Downlighters in ceilings are a popular requirement in today's houses and flats. However, when a hole is cut in the ceiling of a flat it reduces the sound insulating performance of the separating floor above so alternative measures should be taken to compensate for this. Among these are our Acoustic hoods that also have the benefit of being intumescent and so maintain the integrity of the fire resistance of the ceiling that otherwise would have been compromised with the installation of downlighters.

Down lighters in ceilings are widely used in commercial buildings. Each ceiling is subject to fire regulations and where applicable the ceiling construction has to be fire protected.

However, once a hole has been made in the ceiling for a down lighter, because the integrity of the construction and its ability to perform in a fire is reduced significantly, we have introduced this fire hood to give maximum protection for holes created by the introduction of a down lighter and to allow for ease of fitting.

In a fire situation the cover expands internally to fill all the available space with a highly insulating fire resistant char. Thus, the fire is unable to penetrate the hole and the cover is able to give additional insulation protection to the ceiling void to reduce the chance of heat build up and ignition of flammable materials such as accumulated dust and insulation.

Size Reference	O/D x Height mm	Down lighter Cut-out Size Diam. mm
Small	150 x 150	50 - 75
Medium	200 x 200	75 - 100
Large	250 x 250	100 - 140
X-Large	300 x 170	140 x 270
XX-Large	350 x 230	140 x 270

The Hoods also add sound absorption behind the light, which improves the sound insulation. Independent sound tests have shown that a ceiling with down lighters and acoustic hoods installed **performs to within 1dB** of the equivalent ceiling without any holes in it at all.

WE WOULD ALWAYS ADVISE AGAINST CUTTING HOLES IN THE CEILING TO FIT LIGHTS AS IT ALLOWS SOUND TO PASS THROUGH IT MUCH MORE EASILY. IF YOU MUST USE DOWNLIGHTERS PLEASE MAKE SURE YOU FIT THESE HOODS ALONG WITH OUR OTHER PRODUCTS IF APPLICABLE. Our sales department will be pleased to advise you on any additional products that may be required.

IF YOU HAVE TO COMPLY WITH PART E FOR SEPARATING FLOORS WE STRONGLY ADVISE THAT YOU DO NOT USE DOWNLIGHTERS UNLESS FITTED INTO AN ADDITIONAL SUSPENDED CEILING.

ADDITIONAL INFORMATION AND INSTALLATION DETAIL CAN BE FOUND ON OUR WEBSITE