



### Product Number: 32A

### Acoustic Downlighter Covers

#### Description:

Sound absorption and fire protection of downlighters can now be achieved with the Envirograf® acoustic downlighter cover and fire cage range. After a long period of research and testing, the problem of protection and overheating has been solved. The new covers allow light fittings to operate without overheating, whilst maintaining the fire rating integrity of the ceiling to which they are fitted, thus enabling 30 minutes or 60 minutes of fire rating to be maintained. Envirograf® acoustic downlighter covers can be used in areas that require good absorption of airborne and impact sound, such as businesses and shops below residential apartments and between floors of residential apartments. Acoustic covers have been fully tested at The Building Test Centre. Reports are available on request.

#### Material Specification:

##### Woven Glass Fabric

Thickness - 0.40mm  
Wt/m<sup>2</sup> - 430 g/m<sup>2</sup>  
Warp count - 1360 d'tex  
Finish - Starch weave lock

##### Sponge properties

Physical form/appearance:	Solid, voluminous material, more or less elastic.
Colour:	Varies according to manufacture.
Specific gravity:	10-600 kg/m <sup>3</sup>
Solubility in water:	Insoluble
Odour:	None or mild odour
Flash ignition point:	Between 315°C to 370°C
Decomposition temperature:	Above 180°C
Thermal energy:	28 000 KJ/kg
Stability and reactivity:	The product is stable at temperatures between -40°C and +100°C
Auto-ignition point:	Between 370°C to 427°C (ASTM D 1929)

#### Test Details:

	<u>Integrity</u>	<u>Insulation</u>
Trada FR 1739	240 Minutes	46 Minutes
BTC 10891F	88 Minutes	N/A