



Product Number: 30

Intumescent Gasket & Acoustic Covers

Description:

An intumescent gasket that fits into BESA boxes, universal conduit boxes, and socket or switch boxes designed to comply with British Standards and IEE Regulations. Where conduits pass through fire-rated ceilings and walls, it is a requirement to terminate each side with a BESA or universal box fitted with intumescent gaskets to stop fire penetrating. It is also a requirement to fit intumescent gaskets in the back of metal switch/socket boxes where they are back-to-back and cables pass through the wall. All dry lining boxes and metal boxes fitted in dry-lining walls must have intumescent gaskets fitted to comply with the 17th Edition IEE Regulations. To comply with Document E of UK Building Regulations (sound-proofing in plasterboard ceilings and walls), acoustic protection must be fitted for both impact and airborne sound. Envirograf® acoustic protection is approved by **Robust Details**.

Material Specification:

Multigraf Intumescent material chemical constitution

Mineral Wool Fibre	20-70% by weight
Exfoliating Graphite	20-60% by weight
Organic Binder (including adhesive coating)	5.0-30% by weight

Sponge properties

Physical form/appearance:	Solid, voluminous material, more or less elastic.
Colour:	Varies according to manufacture.
Specific gravity:	25 kg/m ³
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:	Stable. No hazardous polymerization will occur in normal use. <ul style="list-style-type: none">• Prolonged exposure to temperatures in excess of 115°C may cause some loss of volatile components (e.g., flame retardants) through evaporation.• Unprotected foam will discolour in the presence of UV light with little effect on physical properties.• Solvent resistance will vary with solvent type.
Auto-ignition point:	Between 370°C to 427°C (ASTM D 1929)

Test Details:

	<u>Integrity</u>	<u>Insulation</u>
Chiltern RF95001	181 Minutes	181 Minutes
Efectis R0106/LKA/TNL	90 Minutes+	N/A