



Firefly Plus 30

DATASHEET



Description	Composite cavity fire barrier. Combined integrity and insulation.
Firefly Plus 30 Specification	<ul style="list-style-type: none">▪ Integrity 30 minutes.▪ Insulation 15 minutes.▪ Inherently resistant to smoke penetration.▪ Complies with Class 0.▪ Installed according to manufacturers instructions ensuring the barrier is positively fixed to perimeters, secured around penetrations, penetrations collared.▪ It is recommended that trained installers are employed to fit the barrier.
Generic Specification	<p>A composite cavity fire barrier system manufactured from non respirable material, weighing no more than 2.5kg/m² and having a maximum thickness of 15mm.</p> <p>Providing 30 minutes integrity and 15 minutes insulation across its full surface area, including overlapping joints and penetrations, when tested to BS 476 parts 20 and 22. The barrier must be inherently manufactured from Class 0 materials. Installed ensuring the barrier is positively fixed to perimeters, secured around penetrations, penetrations collared, following manufacturers instructions.</p> <p>It is recommended that trained installers are employed to fit the barrier.</p>
Weight	2.2kg/m ² nominal.
Thickness	10mm nominal.
BS476 Part 6 Fire Protection Test WIRA Testing Centre	Certification to "Class 0" pass.
BS476 Part 7 Surface Spread Of Flame WIRA Testing Centre	Complies with requirements.
BS476 Part 20/22 1987 Clause 5 Three Metre Square Test Furnace Faverdale Technology Centre	Integrity 30 minutes Insulation 17 minutes
BS476 Part 20: 1987/PREN 1366-3: 1993 Penetration System Warrington Fire Research	Integrity 30 minutes Insulation 17 minutes



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Sound Reduction Index In Accordance With The Principles Of BS EN ISO 140/III 1995

The University Of Salford

Melting Point	160°C (decomposes)
Boiling Point	None
Oxidising Properties	None known
Autoflammability	Not combustible
Solubility (Water)	Approx. 1%
Vapour Pressure	Not known (low)
Explosive Limits	Not applicable
Appearance	White powder
Odour	None
Density	700kg/m ³
Flashpoint	None
Volatility	Nil
pH (In Water)	Approx. 7.0
Viscosity	Not applicable

Stability And Reactivity

Thermal Decomposition

Starts decomposing at 160°C with evolution of water vapour.

Conditions To Avoid

None.

Materials To Avoid

Strong acids and bases.

Decomposition Of Products

Water vapour.

Toxicological Information

Not tested on this product. All ingredients are listed in EINECS and are not considered hazardous in the concentrations in which they are present.

Ecological Information

Not tested on this product. The product should not be allowed to enter drains or water courses, not disposed of by unauthorised means.

Disposal Considerations

Send empty bags, surplus product or unwanted set material, to a tip designated for building products or to an authorised landfill site.

Transport Information

Class	Not classified
UN No.	Not classified
Road/Rail	Not classified
IATA	Not classified
Flashpoint	Not applicable

Regulatory Information

This product is not hazardous as identified by the Chemicals (Hazard Information and Packaging) Regulations, 1993 and subsequent amendments.

Other Information

The Control of Substances Hazardous to Health Regulations, 1988, and the Health and Safety at Work Act, 1974, apply to the use of all products at work.

The forgoing information is believed to be accurate at the time of preparation of this document, and is provided in good faith. However, no warranty or representation with respect to such information is intended of given.