Technical Datasheet

Visqueen Flame Retardant Polythene Protection

Features & benefits

- LPS1207 certificate no. 1792a - 3rd party flame retardant certification
  Large roll format - ideal for draping, screening, covering or hanging
  Flame retardant - reduces the risk of losses from fires on construction sites
  LPS1207 certificate no. 1792a - complies with The Joint Code of Practice requirements
  250 micron (1000 gauge) thick - approved for use as an asbestos wrapping

Product description

Visqueen Flame Retardant Polythene Protection is manufactured using virgin polymers with specialty additives to ensure the product is flame retardant to LPS1207 - Loss Prevention Standard certificate no. 1792a. It is supplied on a core in rolls of:

4m x 25m x 250 micron (1000 gauge) Orange - Certificate 1792a/02 applies
4m x 50m x 65 micron (260 gauge) White - Certificate 1792a/01 applies

Other sizes are available on request, subject to minimum order quantities.

The LPS1207 certification covers thicknesses between 50 and 250 micron, in white or orange.

Approvals and standards

- LPCB certified - LPS1207 Loss Prevention Standard certificate no. 1792a
- Ignitability tested (Small & Large tests) (BS 476: Part 12:1991 & LPS: BS5852)
- Smoke Emissions tested (prEN 2825 & prEN 2824)
- Toxic Gas Emission tested (prEN 2826 & prEN 2824)
- Critical Oxygen Index tested (BS 2782: Part 1: Method 141: 1986)
- Visqueen certified with Quality Management System ISO 9001:2015
- Visqueen certified with Occupational Health and Safety System ISO 45001:2018
- Visqueen certified with Environmental Management System ISO 14001:2015

Usage

Visqueen Flame Retardant Polythene Protection (LPS1207 certified) is suitable for screening off specific areas, draping, hanging, and covering surfaces. It can also be used for wrapping large asbestos items or in asbestos tent and enclosure applications. The material is easy to cut and resize, making it ideal for use as pallet hoods or covers. Note: This product is not approved for heat-shrinking; doing so will invalidate its certification.

It is also suitable for use in various applications during building refurbishments or new construction projects, offering protection against airborne dust, debris, and potential hazards from electrical equipment that could emit sparks, thereby minimizing the risk of ignition of the protected substrate.

The LPS1207 certification ensures compliance when insurers, developers and owners have a clause in the main contractors policy requesting compliance with "LPS1207" and ‘The Joint Code of Practice’. Using flame retardant materials helps reduce the risk of losses from fires on construction sites.

Fast track build programmes and delay penalties now see internal finishes installed at an earlier stage within the build programme. This means finishes are exposed to following trades leaving the potential for damage. Any repair or cleaning can prove costly and time consuming and can result in a delay in hand over of the premises. The product allows for finishes to be installed, then protected, meaning the site can progress as planned.

System components

- Visqueen FR Double Sided Vapour Tape, 20mm x 50m

Storage and handling

Store in a warm, dry and clean environment in its current packaging, away from sunlight. The rolls should be stored horizontally, under cover in its original packaging.

Care should be taken when handling the product in line with current manual handling regulations.

The product is intended for indoor use only as per the the LPS1207 certificate.

Preparation

Surfaces must be smooth and free from sharp protrusions.

Installation

The product is intended for indoor use only as per the LPS1207 certificate.

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Visqueen Flame Retardant Polythene Protection

The material should be laid with the printed side (LPS logo) facing upwards. Unroll and cut to fit the area requiring protection. For joints, ensure a minimum overlap of 75mm and secure firmly using single-sided tape. Press along the length of all taped joints to ensure a secure seal.

Usable temperature range

It is recommended that the polythene is used between 5°C and 50°C. Softening point is typically >70°C.

Additional information

Using flame retardant products will significantly diminish fire loading. Furthermore, the use of LPS 1207 approved products is an assurance that ample and reasonable steps have been taken to reduce the risk of fire. All products have the relevant accreditation body approval mark and manufacturers certificate number.

The information in this datasheet was correct at the time of publication. It is the user's responsibility to obtain the latest version of the datasheet as it is updated on a regular basis. The information contained in the latest datasheet supersedes all previously published editions.

Property	Thickness	Dimensions
Visqueen 250 micron stock item	0.25mm (1000 gauge)	4m x 25m
Visqueen 65 micron stock item	0.065mm (260 gauge)	4m x 50m
LPS1207 test property	Method	Result
Ignitability	BS 476 part 12	pass
Smoke emissions	prEN 2824 and 5	pass
Toxic gas	prEN 2824 and 6	pass
Critical oxygen index	BS 2782 part 1	pass

Health and safety information

Refer to Visqueen Flame Retardant Polythene Protection safety datasheet (SDS)

About Visqueen

Visqueen is a leading provider of construction membrane technologies and design-based solutions for ground gas, structural waterproofing, damp proofing and fire protection.

We offer complete support at every stage of the specification, including the supply chain process. As the UK's principal technical authority, we are best placed to ensure that the principal designer and contractor specify the most technically suited, durable, and competitive solution to guarantee their project is protected for the lifetime of the building.

Visqueen is at the forefront of advanced membrane technology and innovation in the construction industry, earning the trust and loyalty of specifiers throughout the UK and Europe.

For more information, visit visqueen.com or contact our sales office at +44 (0) 333 202 6800 or enquiries@visqueen.com

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