

Parafoam Plus Insulation

Product Ref: (DsC2-Feb09)
Issue No: 3

USES

An over-deck thermal insulation board for use in conjunction with multi-layer built-up felt roofing in accordance with approved practices and regulations. Precautions consistent with good roofing practices should be observed and followed.

Roof decks on which the board is laid should meet required structural standards. If any other use is to be considered, please contact Langley Waterproofing Systems Limited.

COMPOSITION

- | | | |
|---------------|---|---------------------------------------|
| Facing 1: | - | 20mm cork board |
| Facing 2: | - | Perforated glass reinforced cellulose |
| Intermediate: | - | Not applicable |
| Core: | - | CFC/HCFC-free rigid urethane |

HEALTH HAZARDS

Consideration of the composition of this product indicates that in normal use it does not present a significant health hazard. The reacted urethane core has no known toxic effects.

FIRE HAZARDS

It is prudent to take precautions against ignition, fire spread and smoke hazard. In fire situations, beware of low visibility due to soot and avoid smoke inhalation. Smoke contains carbon monoxide and other gases which may be injurious to health if inhaled. If smoke or fumes are inhaled, immediately seek fresh air and medical assistance.

Provide fire-extinguishing equipment at both storage and installation sites:

- Suitable media - Waterspray (fog), Foam CO² and Dry powder.
- Unsuitable material - Not applicable.

Fire fighters should use self contained breathing apparatus and saturate burning foam with water from a spray nozzle.

ACCIDENTAL RELEASE MEASURES

Not applicable.

STORAGE, HANDLING & USE

Precautions must be taken to minimise the hazards in storage, handling and use. Good practices suggest the following safety precautions:-

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Storage

1. Store in a location free from any ignition hazard such as open flames, cutting and welding torches, high surface temperature electric heaters and other forms of direct radiant heat.
2. Do not stack more than 2.5 metres in height. Ensure stability of stack and provide adequate aisle space for access between stacks.

Handling

It is recommended that gloves are worn when handling this product. Man-made mineral fibres may cause skin irritation. It is recommended that the product is cut with a trimming knife to minimise the generation of dust.

Installation

1. This product is non-load bearing in spanning applications and must be treated as fragile unless otherwise instructed by the manufacturer. Do not allow access or work on span supported boards.
2. If hot work using open flame or other ignition hazard must be done near exposed urethane insulants, the insulant should be cut back from the vicinity and exposed insulant protected with heat resistant material. A fire watch is desirable.

DO NOT WELD OR FLAME CUT METAL, WHICH IS IN CONTACT WITH RIGID URETHANE. OBSERVE REGULATIONS RELATING TO FIRE, STATUTORY AND BUILDING REGULATIONS.

3. Provide fire extinguishing equipment at both storage and installation sites: suitable extinguishing media: Waterspray (fog), Foam, CO₂, Dry Powder. Fire fighters should use breathing apparatus.

DUST HAZARDS

Dust is not normally a hazard unless mechanical cutting is used. Where dust is generated in confined spaces, it is recommended that extraction, eye protection and dust masks are provided and used. Dust particles in the eyes should be removed by flushing with clean water.

DISPOSAL PRECAUTIONS

Waste insulation should be disposed of regularly in a designated location in accordance with the requirements of Local Authorities and the Environmental Protection Act 1991. It is important that the accumulation of waste insulation is avoided to prevent wind dispersal. Packaging material is combustible. Store away from sources of ignition prior to disposal.

Ensure that polythene wrapping/packaging is kept away from children. Observe usual safety precautions with polythene bags.

TRANSPORT PRECAUTIONS

See 'Fire Hazards', ensure security of load and where necessary sheeting/roping should be used. It is recommended that mechanical lifting equipment is provided and used when moving bulk quantities of product in order to avoid serious physical injury.

This data sheet cancels and supersedes all previous editions. The information contained in this data sheet is based on current knowledge and experience. The purpose of this data sheet is to describe the specific product in terms of safety requirements. It does not constitute a warranty with regard to the product's properties and/or performance in use.

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