

## Bituminous Roofing Membranes

Product Ref: (DsC5-Feb09)  
Issue No: 3

This data sheet applies to the complete range of bituminous roofing systems supplied by Langley (Waterproofing systems Ltd).

### APPLICATIONS

The products supplied by Langley must be used in accordance with the specification provided by Langley, including the manufacturer's instructions and recommended applications.

### HEALTH AND SAFETY

The roofing membranes indicated below, contain one or more of the following substances, including some substances for which Maximum Exposure Limits (M.E.L.) or Occupational Exposure Standards (O.E.S.) have been established by the Health and Safety Executive.

### CONTROLLED SUBSTANCE

Ceramic Granules Slate Flakes	All Langley "cap sheets" in the "Paradiene" or "Parafor" range are surfaced with "ceramic granules" or "slate flakes".
Aluminium	Surface finish on "Aluminium Veral", including coloured finishes.
Copper	Surface finish on "Copper Veral".
Stainless Steel	Surface finish on "Stainless Steel".
Polyester	All Langley "Parafor" and "Paradiene R4" ranges and Paraforix include non-woven polyester reinforcement.
Glass Mesh/Glass Mat*	All "Paradiene" ranges, (exc R4) plus all "Veral" ranges include glass mesh reinforcement. Adesolo, Adepar JS, Paradiene R3, Paradiene FM, Parafor Solo FM, Langhome, Langdon, Langboro.
Polyester/Glass Composite*	All Langley products contain bitumen (no currently established OES - Proper usage 5mg/m <sup>3</sup> max).
Bituminous Fumes	All Langley products may contain a small quantity of crystalline silica on the underside or upper surface as a surface dressing (OES/8hr/TWA: 0.4mg/m <sup>3</sup> total respirable dust EH40/94).
Sand (Crystalline Silica)	

\* Where glass fibre reinforcement is concerned, the glass content is acting as a "carrier" membrane, which has been impregnated and coated with bitumen. Consequently, there is very little likelihood of any exposure to glass fibre dust.

### SKIN CONTACT

Skin contact with bituminous material is avoided by the use of gloves and/or the use of a proprietary barrier cream. Hands should be washed in soap and water after use.

**Caution:** HOT BITUMIN BURNS. Suitable protective clothing when using hot bitumen should always be worn. In the event of accidental contact with the skin, the affected part should be held under running cold water and prompt medical attention sought. Hot bitumen should not be removed from the skin without medical advice.

#### Langley Waterproofing Systems Limited

Bishop Crewe House, North Street, Daventry, Northants. NN11 4GH

Tel: 01327 704778 Fax: 01327 704845 www.langley.co.uk

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### EYE CONTACT

Should hot bitumen be splashed in the eye, cool immediately with running water and seek urgent medical attention.

### INHILATION

First aid medical attention for inhalation is not likely to be needed. Medical advice should be sought should there be any doubt.

### FIRE

All bituminous material roofing felts are combustible and, when ignited will burn producing black smoke which will contain harmful products of combustion.

### NOTICE

All information has been given in good faith based upon information given to Langley. The Company cannot accept responsibility for the information provided. Please note that products, codes of practice and techniques are under constant review and may change without notice. Please check with our Sales Office for any changes.

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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