

1. IDENTIFICATION OF THE SUBSTRATE/PREPARATION AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Trade name/designation: Alumasc LO-k Water Flow Reducing Layer (WFRL).

1.2 Relevant identified uses

Relevant identified uses: Water flow reducing layer for inverted roof construction.

1.3 Manufacturer/Supplier

Supplier:
Alumasc Building Products Ltd
White House Works, Bold Road, Sutton, St Helens, Merseyside, United Kingdom, WA9 4JG
Tel: +44 (0)1744 648400
e-mail: technical@alumascroofing.com

1.4 Manufacturer/Supplier

Emergency telephone: +44(0) 1744 648400 (Mon-Thurs – 08.30-17.00 Fri – 08.30-16.00)

2. HAZARDS IDENTIFIER

This product is not classified as dangerous according to EC criteria.

3. COMPOSITION AND INFORMATION ABOUT THE COMPONENTS

Non-woven polyethylene geotextile membrane, vapour permeable.

4. FIRST AID MEASURES

4.1 Description of first aid measures

Eye Contact: Generally, the product is not an eye irritant.
Skin Contact: Generally, the product is not a skin irritant.
Ingestion: In the case of an ongoing complaint consult a doctor.

5. FIRE-FIGHTING MEASURES

Co-ordinate fire-extinguishing measures with the surroundings.

5.1 Extinguishing media

Water, foam, Carbon Dioxide or dry powder.

5.2 Fire-fighting procedures

Keep people away. Isolate fire and deny unnecessary entry.

5.3 Special protective equipment for fire-fighters

Wear suitable breathing apparatus in the event of fire.

5.4 Hazardous combustion products

Nitrogen Oxide, Carbon Monoxide, Carbon Dioxide, water vapour.

6. ACCIDENTAL RELEASE MEASURES

6.1 Steps to be taken if material is released or spilled

No special measures required.

6.2 Personal precautions

There are no special required instructions.

6.3 Environmental precautions

There are no special required instructions.

7. HANDLING AND STORAGE

7.1 Handling

No special measures required.

7.2 Storage

No special measures necessary.

Keep away from sunshine.

Keep away from sources of ignition – do not smoke.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Hand protection: Not required.

Respiratory protection: Not required.

The product contains no relevant amount of any material which would require supervision because of restrictions applying to the workplace.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 General information

Supplied in board form with no significant odour. Usually, pale orange in colour but occasionally supplied in other colours.

9.2 Important health, safety and environment information

Physical state:	Membrane roll.
Colour:	Various colours, according to pigments used.
Odour:	Odourless.
Flash point – closed cup:	Not applicable.
Flammable limits in air:	Lower: Not applicable. Upper: Not applicable.
Auto-ignition temperature:	The product is not self-flammable.
Vapour pressure:	Not applicable.
Boiling point:	Not applicable.
Vapour density (air=1):	Not applicable.
Specific gravity (H ₂ O =1):	Not applicable.
Solid density at 20°C-approx:	980g/cm, Zero organic soluble.
Freezing point:	Not applicable.
Melting point:	130-170°C.
Solubility in water (by weight):	Insoluble.
pH:	Not applicable.
Kinematic viscosity:	Not applicable.

10. STABILITY AND REACTIVITY

10.1 Conditions to avoid

No dangerous reactions known.

10.2 Incompatible materials

Main decomposition products: Nitrogen Oxide, Carbon Monoxide, Carbon Dioxide, Water.

10.3 Thermal decomposition

No thermal decomposition if used as advised.

11. TOXICOLOGICAL INFORMATION

11.1 Skin Contact

No skin irritation effects known.

11.2 Eye Contact

No possibility of eye irritation.

11.3 Inhalation

Not applicable.

11.4 Systemic effects

No sensitising effects known.

With proper handling and agreed use the product has no effects which are harmful to the health in our experience and in accordance with the information available to us.

12. ECOLOGICAL INFORMATION

In general, not dangerous to water.

13. DISPOSAL CONSIDERATION

No special precautions. Dispose of in accordance with duty of care regulations.

14. TRANSPORT INFORMATION

Not classified for transport.

15. REGULATORY INFORMATION

This product is not classified as dangerous according to EC criteria.

16. OTHER INFORMATION

The details in this Safety Data Sheet are based on our current level of knowledge. However, they do not constitute an assurance of the product properties and do not substantiate any contractual legal terms or conditions.

16.1 Legend

N/A:	Not available.
W/W:	Weight/Weight.
OEL:	Occupational Exposure Limit.
STEL:	Short Term Exposure Limit.
TWA:	Time Weighted Average.
ACGIH:	American Conference of Governmental Industrial Hygienists, Inc.