

# AIRBLOCK

## Low Expansion Flexible Foam

### FILLS VOIDS AND SEALS TO IMPROVE ENERGY EFFICIENCY

AIRBLOCK is a flexible foam that creates a highly effective air tight barrier to help air seal buildings. It fills voids and seals joints providing a huge improvement to energy efficiency. The unique AIRBLOCK formula gives low expansion during application - minimising chances of distortion around frames and joints but with a flexibility that retains the airtight seal during natural expansion or contraction of the building materials.

- One component, moisture curing, polyurethane foam that forms an airtight and water resistant flexible seal.
- Fills voids and seals to improve energy efficiency.
- Adheres to most common building materials including wood, concrete, brickwork, plaster, stone, plastic and metal surfaces.
- Temperature resistance -40°C to +100°C

#### SPECIFICATIONS

Air Permeability Tested to EN12114  
Acoustic Rated - 60dB to EN ISO 717-1  
Fire Rated to DIN4102-1 \*Pending certification  
Driving Rain Tested to EN1027



## TECHNICAL DATA

<b>Storage Life</b>	18 months from date of manufacture when stored in temperatures below 25°C
<b>Colour</b>	Yellow
<b>Tack Free Time</b>	10 minutes
<b>Application Temperature</b>	5°C to 30°C
<b>Cutting Time 30mm diameter bead</b>	60 minutes
<b>Apparent density</b>	27 kg /m <sup>3</sup>
<b>Air Permeability</b>	<0.1 m <sup>3</sup> /m.h.da.Pa. <sup>2/3</sup>
<b>Driving rain resistance</b>	≥ 600 Pa

Specification writers: These values are not intended for use in preparing specifications. Please contact your local **Geocel® Sales Representative** prior to writing specifications on this product.

## APPLICATION

Shake the **AIRBLOCK Low Expansion Flexible Foam** can vigorously for 30 seconds. Screw the threaded basket end of the gun onto the valve. Care must be taken not to over tighten the dispensing assembly. Mount the dispensing plastic nozzle on the gun tip. During processing, the can must be held inverted with the valve in bottom position. To extrude the foam, pressure has to be carefully applied to gun trigger. The gun trigger can be adjusted by turning the round knob at the rear of the gun dispenser. The fresh foam will expand after application; therefore care must be taken not to overfill joints.

Please note: Moisture is needed for an even and rapid curing of the foam. Inadequate moistening or overfilling of joints and cavities may lead to poor cure or unwanted excessive post-expansion of the foam.

Fresh foam spills must be removed immediately within the tack-free time using Geocel Gun Cleaner. Once foam is cured, it can be removed mechanically.

## LIMITATIONS

During relatively short work stoppages, leave the gun dispenser on the can and screw in proportioning screw completely. When an **AIRBLOCK Low Expansion Flexible Foam** can becomes empty, immediately screw the gun onto another can.

During relatively long stoppages, unscrew the can and clean the gun with Geocel Gun Cleaner.

Once a can has been started, it should be used within four weeks.

If the aerosol can has become bonded to the gun, do not use force to loosen it, as there is danger of uncontrolled product release.

If product does not flow easily, do not force product out of can.

It is durable and permanent except when exposed to UV-rays. Skin of the foam exposed to UV light for longer than 3 weeks should be cut and painted or covered.

## PACKAGING

**AIRBLOCK Low Expansion Flexible Foam** is supplied in 750ml cans packed in boxes of 12.

## HEALTH AND SAFETY

Health and Safety data sheets available on request.

## TECHNICAL SERVICE

For further technical information, advice on suitability for specific applications, or detailed Health and Safety information, contact **Geocel® Technical Service**.

**IMPORTANT NOTE** The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that Geocel's products are safe, effective and fully satisfactory for the intended end use. Suggestions of use shall not be taken as inducements to infringe any patent.

Geocel's sole warranty is that the product will meet the Geocel sales specifications in effect at the time of shipment.

Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted.

Geocel specifically disclaims any other express or implied warranty of fitness for a particular purpose or merchantability.

Geocel disclaims liability for any incidental or consequential damages.



Geocel Limited

Western Wood Way, Langage Science Park, Plympton, Plymouth, Devon, PL7 5BG

Tel: 01752 334350 Fax: 01752 202065

Email: [info@geocel.co.uk](mailto:info@geocel.co.uk)

[www.geocel.co.uk](http://www.geocel.co.uk)