

**AZOTE®**

# INSULATION

High performance foam



**ZOTEFOAMS**

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# Insulation

AZOTE® foams offer a unique combination of advantages for Construction, HVAC and Road Transport Industry design teams.

AZOTE® lightweight, low odour, crosslinked polyolefin block foams possess best in class flammability credentials. These foams are also lightweight and mould resistant and are renowned for their thermal and acoustic insulation performance.

The range also has conductive and static dissipative grades compatible with sensitive electronic components, and a huge colour range.

These foams provide the vital high performance insulation component in a wide range of applications including heating & hot water systems, flooring underlay, window seals and roof & wall insulation.

The Zotefoams process produces lightweight, low odour, crosslinked, closed cell foams with amazingly consistent cell size.

The inbuilt characteristics of AZOTE® foam facilitate the production of high quality finished products from a wide variety of processes, including thermoforming, water jet cutting, thermal bonding and routing.



## Insulation applications

### Construction

- ◆ Heating Systems
- ◆ Hot Water Systems
- ◆ Wall Insulation
- ◆ HVAC
  - ◆ Window Seals
  - ◆ Flooring Underlay
  - ◆ Expansion Joint Fillers
  - ◆ Frost Blankets
  - ◆ Roof Insulation
  - ◆ Eaves Fillers



## Standards

	Test Method	Plastazote® MP15EB40 Result	Plastazote® LD24FM Result
Flammability	EUROCLASS EN 13501:2007	B, s1, d0	B, s1, d0
Water Absorption	ISO 2896:2001 Ed3.	<2%	<2%
Thermal Conductivity	ISO 8301:1991	0.037 W/mK	0.034 W/mK

# AZOTE®

The AZOTE® Insulation  
Design Premium



LIGHTWEIGHT



COLD RESISTANT



IMPACT  
RESISTANT



CONSISTENT CELL  
SIZE & STRUCTURE



DURABLE



HEAT RESISTANT



LOW ODOUR & VOC'S



RESISTANT TO  
SOME CHEMICALS



THERMAL  
INSULATION



BARRIER TO  
MOISTURE



MOULD  
RESISTANT



FLAME  
RETARDANT



## ZOTEFOAMS

For more information

### ZOTEFOAMS plc

675 Mitcham Road  
Croydon CR9 3AL United Kingdom  
Tel: +44 (0) 20 8664 1600  
Fax: +44 (0) 20 8664 1616  
Email: info@zotefoams.com

### ZOTEFOAMS, inc

55 Precision Drive  
Walton Kentucky 41094 USA  
Tel: +1 859 371 4046 FREE: (800) 362-8358 (US Only)  
Fax: +1 859 371 4734  
Email: custserv@zotefoams.com

## The AZOTE® Process Premium

- ◆ Thermo-formable
- ◆ Vacuum Formable
- ◆ Splittable
- ◆ High Quality Surface Finish
- ◆ Heat Stable
- ◆ Thermal Bonding
- ◆ Water Jet Cutting
- ◆ Robust Edges
- ◆ Ductile
- ◆ Reduced Resin Uptake
- ◆ Reduced Adhesive Uptake

Visit our website [www.zotefoams.com](http://www.zotefoams.com)



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