

Highly Efficient Thermal Insulation With Elastospray H 1623/11, the right choice for Spray Insulation



Elastospray H 1623/11 Spray Insulation Foam is a closed cell polyurethane foam used in many applications in the field of heat and cold protection due to its excellent thermal insulation properties.

This “made-to-measure insulant” boasts extremely low thermal conductivity levels matched by no other conventional insulant. Good mechanical properties and excellent adhesion mean the material has a wide range of applications.

Elastospray H 1623/11 can be used to insulate and prevent condensation on a wide range of external surfaces.

- Corrugated or profiled industrial and commercial roofing.
- Storage tanks
- Composting vessels.

When used in conjunction with a suitable UV resistant coating, this system effectively insulates and waterproofs “hard to treat” roofs, seamlessly.

- No disruption to production.
- Improves air-tightness



PU Solutions is one of the worldwide leaders in polyurethanes (PU). As part of the BASF Group, we have over 40 years experience in the PU industry.

PU Solutions is the market and technology leader for polyurethane systems and polyurethane special elastomers, as well as the leading supplier of polyurethane basic products.



Typical Physical Properties

	Unit	Measured Value	Method
Mixing ratio	Parts by volume	100:100	
Density	Kg/m ³	42	UNE EN 1602
Compressive Strength	N/mm ²	0.24	UNE EN 826
Closed Cell Content	%	90	ISO 4590
Thermal Conductivity	W/mk	0.028	UNE 92 202
Water Absorption	% volume after 168 hrs	< 3	EN 12087
Water Vapour Permeability	Mg/mhPa	56 x 10 ⁻⁴	EN 12086
Water Vapour Diffusion (μ)		119	UNE EN 12086
Reaction To Fire		E	EN 13501-1



® = Registered trademark of Elastogran GmbH

The data contained in this publication is based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, this data does not relieve processors from carrying out their own investigations and tests; neither does this data imply any guarantee of certain properties, or the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights etc. given herein may change without prior notice and do not constitute the agreed contractual quality of the product. It is the responsibility of the recipient of our products to ensure that any proprietary rights and existing laws and legislation are observed. (05/06)

BASF Polyurethanes UK Limited

Alfreton Trading Estate
Wimsey Way
Somercotes
ALFRETON
Derbyshire
DE55 4NL

Tel.: +44 (0)1773 607161
Fax: +44 (0)1773 540832
mail: walltite-uk@basf.com
Internet: www.walltite.basf.co.uk