

# Highly Efficient Thermal Insulation with Elastopor<sup>®</sup> H Class 1 Insitu Foam



Closed cell polyurethane foam combines space saving insulation with prevention of air leakage

Elastopor spray applied polyurethane foams are installed quickly with the minimum of fuss.  
No labour intensive cutting and fitting of boards.  
Less waste.  
Less storage of materials on site.  
Between and behind rafter roof insulation.  
Between studwork on timber framed walls  
Space saving insulation



Sustainable materials save energy costs and greenhouse gas emissions year after year.

Elastopor PU foams can be used on roofs, floors and walls of residential properties, commercial buildings, agricultural buildings, narrowboats, marine craft or any surface requiring insulation or the prevention of condensation.



Elastogran



■ BASF Group

## Elastogran

The Elastogran Group is one of the world-wide leaders in polyurethanes (PU). As part of the BASF Group, we have over 40 years experience in the PU industry.

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



## Component Data

	Unit	Polyol-Comp	Iso-Comp	Method
Density (20°)	g/cm <sup>3</sup>	1.35	1.23	G133-08*
Viscosity (20°)	mPas	220	220	G133-08*
NCO Content	%		31	G133-08*

## Processing Data (Cup test by ultrasonic method)

	Unit	Value	Method
Component Temperature	°C	25	
Mixing Ratio	Parts by Volume	1:1	
Stirring Time	s	2	
Cream Time	s	4±2	G 132 - 01
String Time	s	7 ± 2	G 132 - 01
Free Rise Density	s	34 ± 3	G 132 - 01

## Physical Properties

	Unit	Value	Method
Density	Kg/m <sup>3</sup>	45	UNE EN 1602
Compressive Strength	N/mm <sup>2</sup>	0.25	UNE EN 826
Closed Cell Content	%	> 90	ISO 4590
Thermal Conductivity (aged)	W/mk	0.028	UNE 92 202
Dimensional Stability		L      B      W	
-20°C	%	≤ 2    ≤ 6    ≤ 2	UNE EN 1604
+70°C 90% RH		≤ 2    ≤ 2    ≤ 0.5	
Reaction to Fire		M2	UNE 23 727
Spread of Flame		Class 1	BS 476 part 7

- \* Elastogran methods based on UNE 92120-1 standard
- The above properties are typical of what can be expected when Elastopor H 1622/8 is processed using recommended procedures. The values above were obtained by foam samples produced in Elastogran's laboratories.

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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)

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