

Product Information Sheet

Fixwool™

Fixwool™ Speciality Adhesives

INTRODUCTION

Fixwool Adhesives are specially developed for use with many Alkegen fibre insulation products. Fixwool Adhesive 130 is used to fix blankets, papers, felts, boards and modules onto various metallic and refractory surfaces. Fixwool Adhesive 1400 is used to bond vacuum formed shapes where density exceeds 250kg/m³.

GENERAL CHARACTERISTICS

Fixwool Adhesive 130 has the following outstanding characteristics and advantages:

- High temperature stability
- Easy to apply
- Good shelf life

TYPICAL APPLICATIONS

Fixwool Adhesive 130

- Gluing fibre blankets, boards and papers to various substrates

Any new and/or special use of these products, whether or not in an application listed in our literature, must be submitted to our technical department for their prior written approval.



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TYPICAL PRODUCT PARAMETERS

Fixwool Adhesive	130	1400
Typical Chemical Analysis (dry wt. %)		
SiO ₂	<18	23.5
Al ₂ O ₃	>75	76
Na ₂ O + K ₂ O	<8	<0.5
Fe ₂ O ₃ + TiO ₂	-	-
CaO + MgO	<1	-
Organic Fraction	-	1.5%
Physical Properties		
Colour	White	Grey / White
Use Limit (°C) *	1300	1600
Shelf life (months)	9	12
Application		
Supplied	Ready to use	Ready to use
Consumption (kg/m ²)	1.5	-
Application Method	Brush/Trowel	Brush/Trowel

*The maximum continuous use limit temperature for these products depends upon operating and application conditions. For certain applications operational temperature limits may be significantly reduced. For assistance or clarification please contact your nearest Alkegen Engineering office.

AVAILABILITY

Packaging	130	1400
10 kg pail	✓	✓

The test data shown are average results of tests conducted under standard procedures and are subject to variation. Results should not be used for specification purposes. Product Information Sheets are periodically updated by Alkegen. Before relying on any data or other information in this Product Information Sheet, you should confirm that it is still current and has not been superseded. A Product Information Sheet that has been superseded may contain incorrect, obsolete and/or irrelevant data and other information.

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PREPARATION AND USE OF ADHESIVES

Fixwool Adhesive 130 is an air drying adhesive, which is used to bond thin fibre products such as boards, felt, blankets and paper onto cold, non-porous surfaces such as steel, glass or dense refractories. The product must be mixed well prior to use and porous surfaces should be wet out with water prior to application of the adhesive and the consistency may be adjusted by adding water up to a maximum of 5% by weight.

Fixwool Adhesive 1400 is used to bond vacuum formed shapes where density exceeds 250kg/m³. The glue must be mixed well prior to use. The surface should be free from dust and if highly porous, the surface should be wet out with water prior to application of the adhesive. The consistency of the glue may be adjusted by adding up to 5% by weight of water.

Shelf Life & Storage

Fixwool Adhesive 130 can be stored for up to 9 months, based on unopened containers kept in cool dry storage conditions. Storage between 5 and 20°C is recommended. (Excessive heat during storage, repeated freezing or leaving containers open to atmosphere will adversely affect shelf life.)

Fixwool Adhesive 1400 can be stored for 12 months at temperatures 10°C - 25°C.

HANDLING INFORMATION

A Material Safety Data Sheet has been issued describing the health, safety and environmental properties of this product, identifying the potential hazards and giving advice on handling precautions and emergency procedures. This must be consulted and fully understood before handling, storage or use.

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