

Data sheet

ENGLISH

Superwool® HT Mastic

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Description

Mastic is a mouldable form of Superwool® HT Fibre which can be trowelled, hand moulded, or injected from a hand held pressure gun.

Drying converts the mastic into a strong, hard - yet light weight - insulating material which has great thermal stability up to its typical continuous use temperature. Resistance to cracking and spalling is excellent, and the dried material has strong adhesive properties.

Although air drying is possible, it is recommended that assisted drying be carried out below 100°C. Care must be taken to ensure that the moisture can readily escape.

Mastic remains stable when stored in its resealable container, the shelf life is up to 12 months under proper storage conditions – ensure to protect from frost and hot weather.

Type

High temperature insulation wool - mouldable.

Classification temperature (of based fibre)

1300°C (EN 1094-1)

The maximum continuous use temperature depends on the application. Unaffected by most chemicals except strong alkalis, phosphoric acid and molybdenum. For further advise please contact your local Morgan Thermal Ceramics partner.

Benefits

- Ready to use
- Homogeneous structure
- Easy to use
- Highly insulating
- Exonerated from any carcinogenic classification under nota Q of directive 97/69EC



SDS:
EU: 140
NA: n/a
GHS: n/a

Data sheet

Metric information

Superwool[®] HT Mastic

	Superwool HT mastic
Classification temperature (of based fibre), °C	1300
Colour	white
Density, kg/m³	
	as supplied 1420
	dried 730
Modulus of rupture BS 1902, MPa	
	dried 1.5
Linear drying shrinkage, %	< 1
Permanent linear shrinkage, ENV 1094, %	
	after 24 hours isothermal heating @ 1300°C 1

Availability and Packaging

Mastic is supplied in 5kg plastic containers and 300ml cartridges.

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SUPERWOOL[®] is a patented technology for high temperature insulation wools which have been developed to have a low bio persistence (information upon request). **SUPERWOOL[®]** products may be covered by one or more of the following patents, or their foreign equivalents:

SUPERWOOL[®] PLUS and **SUPERWOOL[®] HT** products are covered by patent numbers: US5714421 and US7470641, US7651965, US7875566, EP1544177 and EP1725503 respectively.

A list of foreign patent numbers is available upon request to Morgan Advanced Materials plc.

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