



DESCRIPTION

Isofrax Moist Pak is made from Isofrax alkaline earth silicate wool blanket impregnated with inorganic bonding agents resulting in flexible insulation that dries to a hard rigid structure. Moist Pak products are ideal for insulation of complex shapes and for service under conditions of high hot gas velocities. The materials are packaged in polythene bags to retain the wet binder during shipment and storage. Moist Pak products are available in a range of density and thickness combinations.

GENERAL CHARACTERISTICS

Isofrax Moist Pak products have the following outstanding characteristics:

- High temperature stability
- Low thermal conductivity
- Low heat storage
- Good corrosion resistance
- Complex shape capability

TYPICAL APPLICATIONS

- Hot face layer of furnace and kiln linings
- Hot gas duct, flue & stack linings
- Thermal and corrosion protection of tube supports in process heaters
- Non-ferrous metal launder linings

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.

*Start saving energy now.
Contact your local distributor.*

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TYPICAL PRODUCT PARAMETERS

<i>Moist Pak</i>	
Typical Chemical Analysis (fibre wt. %)	
SiO ₂	70.0 - 80.0
MgO	>18.0 - 27.0
Trace	<4.0
Physical Properties	
Colour	White
Dry Product Density (kg/m ³)	350-450
Binder Type	Alumina/Silica
Use Limit (°C) *	1100
Thermal Conductivity (W/mK)	
Mean Temp.	
400 °C	0.10
600 °C	0.13
800 °C	0.18
Permanent Linear Shrinkage (%) 24 Hour Soak	
1100 °C	<4.0

Isofrax products are suitable for a variety of high temperature applications. For specific advice on application and operational temperature limits please contact your nearest Unifrax Engineering office. Where appropriate Physical Properties data measured according to EN 1094-1.

AVAILABILITY

Thickness (mm)	Roll Size (mm)
6	2400 x 600
9	2400 x 600
12	2400 x 600
19	1200 x 600
25	1200 x 600

Other thicknesses / sizes may be available on request subject to minimum order requirements

SHELF LIFE & STORAGE

Isofrax Moist Pak can be stored for up to 3 months, based on unopened packaging, kept in cool, dry storage conditions. Storage between 5 and 20°C is recommended. (Excessive heat will shorten the shelf life and freezing will result in irreversible damage to the product.)

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.

Supplied by:

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