## **Product Information Sheet**

# Saffil

## Saffil Blanket

#### DESCRIPTION

Saffil Blankets are high temperature, lightweight, needled blankets manufactured from high purity polycrystalline wool with a polypropylene carrier to optimise strength and flexibility. Designed for use up to 1600°C, Saffil Blankets can be used in a wide variety of applications. They are especially suited to environments where the presence of "shot" (unfiberised particles) is undesirable or where resistance to corrosive agents is essential.

#### **GENERAL CHARACTERISTICS**

Saffil Blanket has the following outstanding characteristics:

- High temperature stability (up to 1600°C)
- Low thermal conductivity
- Virtually 'shot' free
- Resistance to thermal shock & chemical attack
- High tensile strength & resiliency
- Insoluble in water
- Suited to veneer and anchored modules

#### **TYPICAL APPLICATIONS**

- High temperature furnace, boiler & kiln linings
  - Blast, forging, re-heat & heat treatment
  - Ethylene, catalyst & sulphur heaters and reformers
  - Porcelain, refractory, laboratory & dental kilns
- Speciality applications
  - Acoustic insulation
  - Semiconductor processing & fuel cell components





### **Product Information Sheet**



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			ĺ	15	500	°C				<4

## Blanket

**AVAILABILITY** 

Thickness (mm)	Roll Width (mm)	Roll Length (m)
13	610	14.4
25	610	7.2

All product dimensions provided are nominal dimensions

#### 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.

\*Classification Temperature is not a definition of the operational limit of these products,

especially when long term physical or dimensional stability is a factor. For certain applications continuous use temperature limits may be significantly reduced. For assistance or clarification

please contact your nearest Alkegen Engineering office.

+Upon initial firing of the blanket a small amount of organic burnout will occur due to the polypropylene carrier.

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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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