



# Höganäs Borgestad

HIGH-TEMPERATURE INSULATION SOLUTIONS

INDUSTRY | PASSIVE FIRE PROTECTION | PPE





QUALITY



ENVIRONMENTLY FRIENDLY



COST EFFICIENCY



[hoganasborgestad.com](https://hoganasborgestad.com)

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## SUPPLIERS

We are working together with some of the leading suppliers of high-temperature insulation products. A close cooperation throught the entire life cycle of the product is central to us.

Hiltex, Klevers and Jutec only in Norway. Frenzelit only in Sweden.

Main suppliers:



Gaskets, ropes and tape:



Fabrics and textiles:



Equipment and material:



Calcium silicate products:



Protective equipment (cloths and more):



Made in Germany.

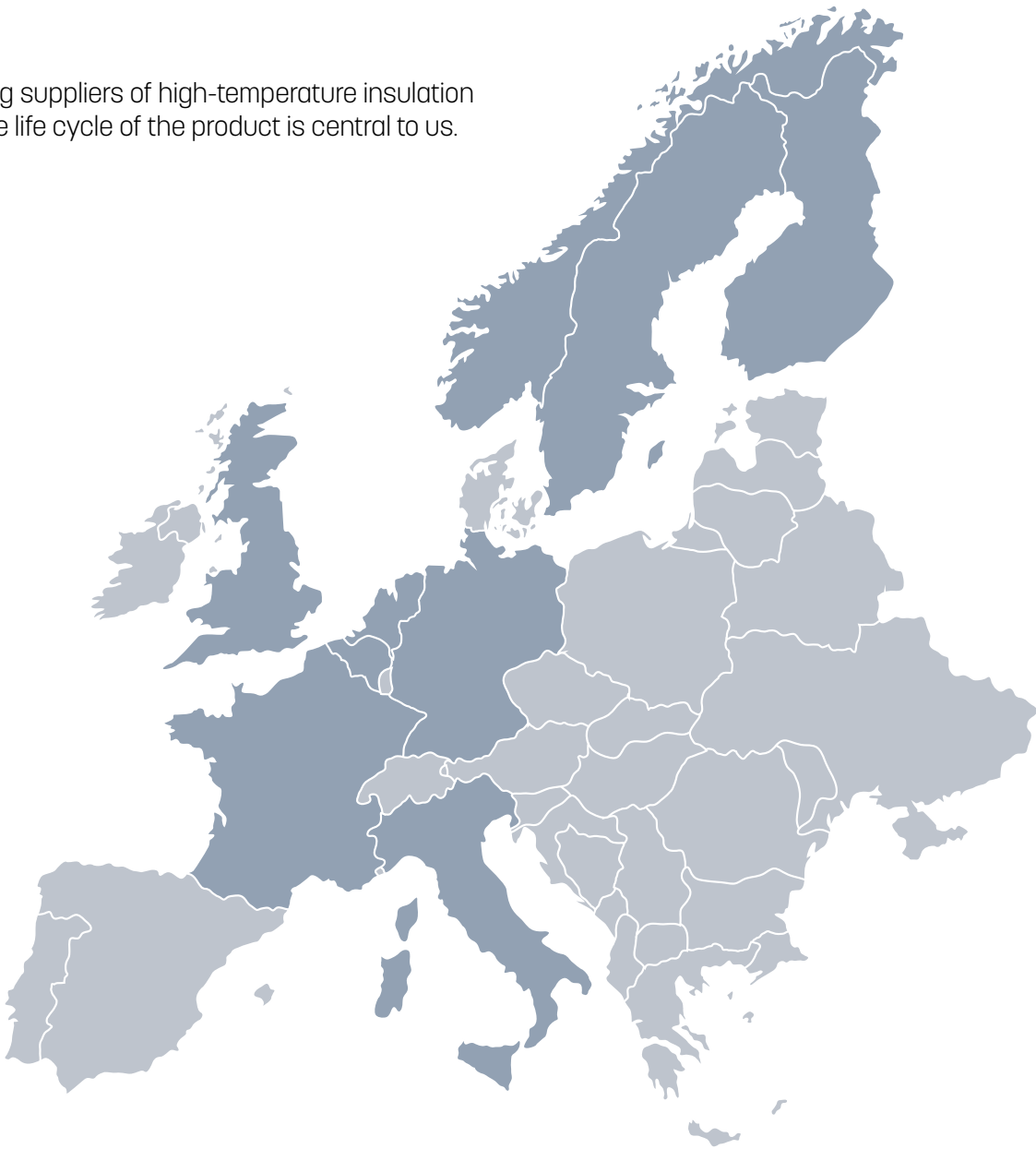
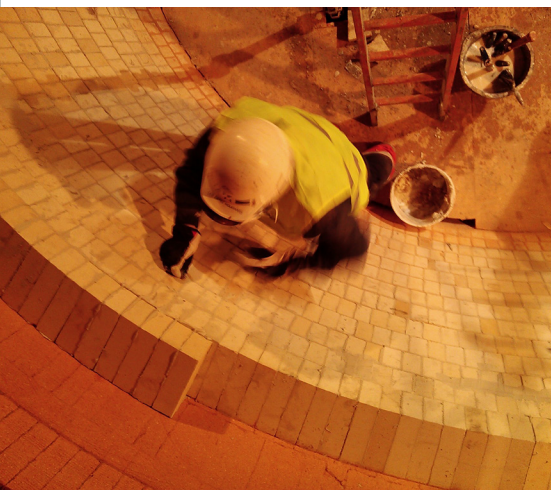






Foto: Hydro



# INDUSTRY

We supply mainly high-temperature insulation materials to the Aluminum, Steel, Ferro Alloy industry and foundries in the Nordic Countries

We focus on new and innovative high quality products, and we offer solutions that provide the best possible result for our customers given their demands and requirements.

Our customers are continuously being updated with new products available on the market. In an environmental friendly context we also wish to offer products which perform within the technical scope required.

## WHAT BRANCHES DO WE MAINLY SUPPLY TO?

- Aluminum
- Ferro Alloy
- Cement
- Steel
- Foundries
- Installers

## WHAT SERVICES DO WE OFFER?

- Heat calculations
- Technical support and advice regarding choice of insulation
- Special insulation solutions e.g. gaskets, sewing, etc

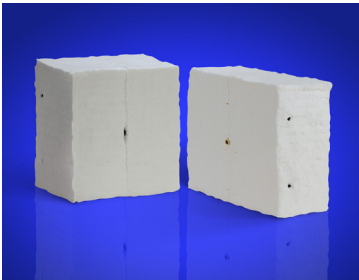
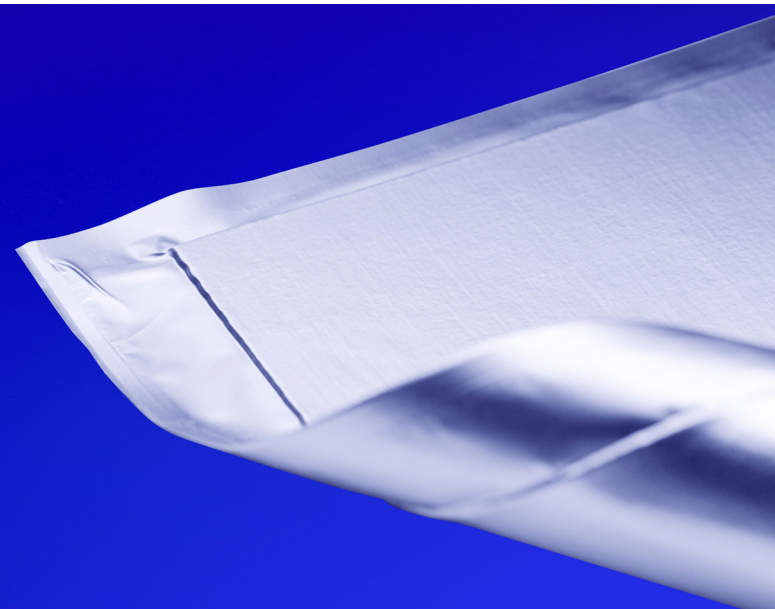


# What products do we offer?

**SUPERWOOL and the complete product range from Morgan:**

- Standard insulation materials e.g. blankets in several densities / paper / bulk fiber / modules / mastics
- Microporous insulation – flexible and hard boards with different facing like aluminum foil or fibreglass
- Vacuum formed fibre details
- JM-insulations bricks and associated castables

Read more: [www.morganadvancedmaterials.com](http://www.morganadvancedmaterials.com)

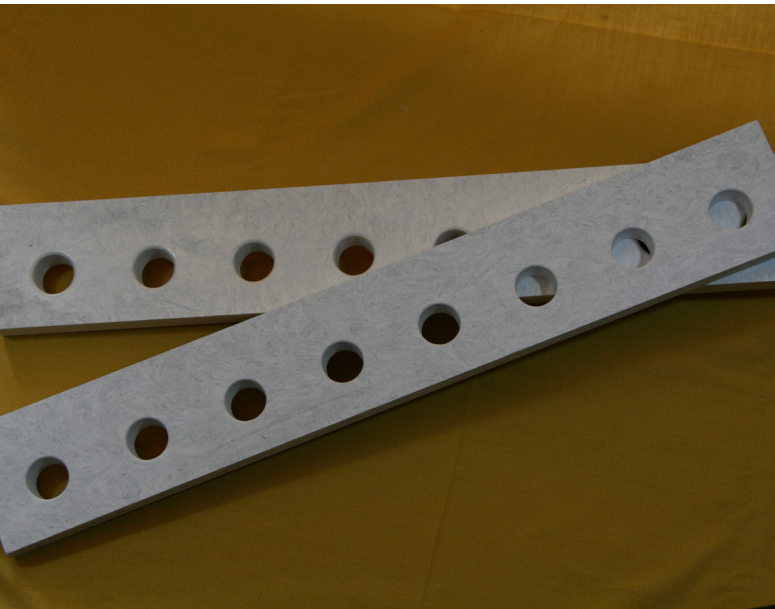


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# Other products

**Calcium silicate**

- Dam blades
- Hot Top rings
- Nozzles
- Board



**Textiles**

- Rope and gaskets
- Fabrics and thread
- ALF fabric
- Special sewing products







# PASSIVE FIRE PROTECTION

Focuses on solutions and products for passive fire protection systems. Our customers mainly operate within offshore, maritime installation and firedoor production. We also provide products for passive fire protection in tunnels.

## "FIREMASTER"

Consists of several various insulation products of e.g AES-fibre and microporous, designed for applications within protection against fire. The products have been thoroughly tested and there are over 40 certified solutions for different applications. Firemaster MarinePlus (AES-fibre) does not contain any chemical binders, and will therefore not produce any smoke or gas when exposed to heat/fire.

### DELIVERED AS:

- Blankets
- Boards
- Felt
- Expanding paper

### TYPICAL APPLICATIONS:

- Petrochemical plants onshore/offshore
- Shipbuilding
- Construction, tunnels and subterranean facilities
- Protection of HVAC systems
- Firedoors



# What products do we offer?

## FIREMASTER MARINE PLUS BLANKET

Our most popular product with certified solutions for cellulose, hydrocarbon and jetfire solutions. Included here is also bulk-head/deck, processing equipment, cable trays, ventilation and structural steel and finally solutions for aluminum/composite structures.

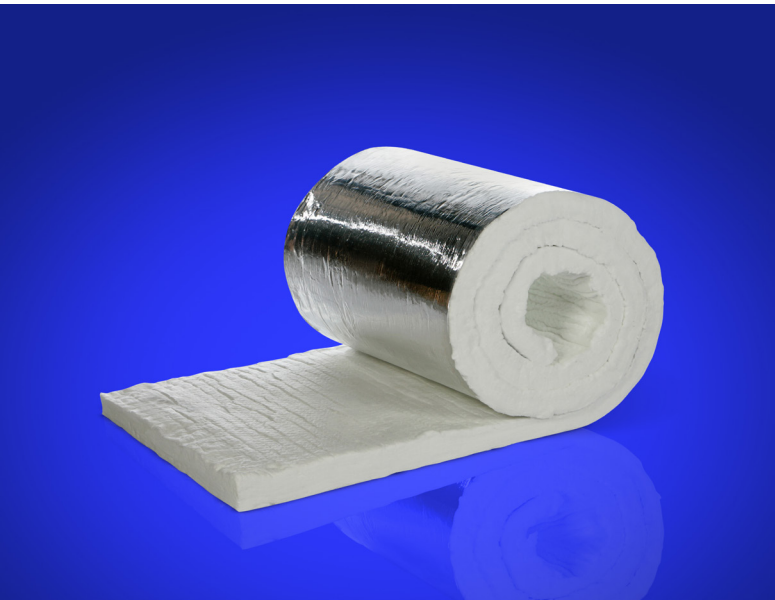
With Firemaster Marine Plus we can offer thin and light weight solutions, excellent acoustic characteristics with simple and flexible installation.

Delivered in width 610mm in the following variants:

- Standard blanket
- Water resistant
- With aluminum foil
- Encapsulated in aluminum foil. Also available reinforced with netting and with glass cloth facing in several variants.

## MICROPOROUS INSULATION

We also offer several microporous insulations materials (Superinsulation) which can be applied within passive fire protection.



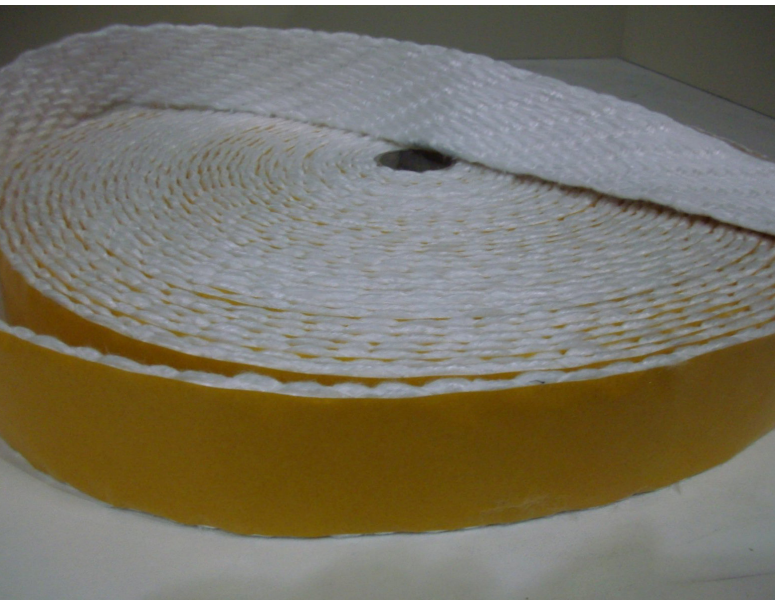
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# Textiles

We offer different high-temperature textiles. The selection is based on customers technical requirements relative to use, quality and price.

Typical applications:

- Cushions for protection against heated surfaces
- Welding
- Exterior fire protection
- Exhaust systems
- Zone deviders in furnaces



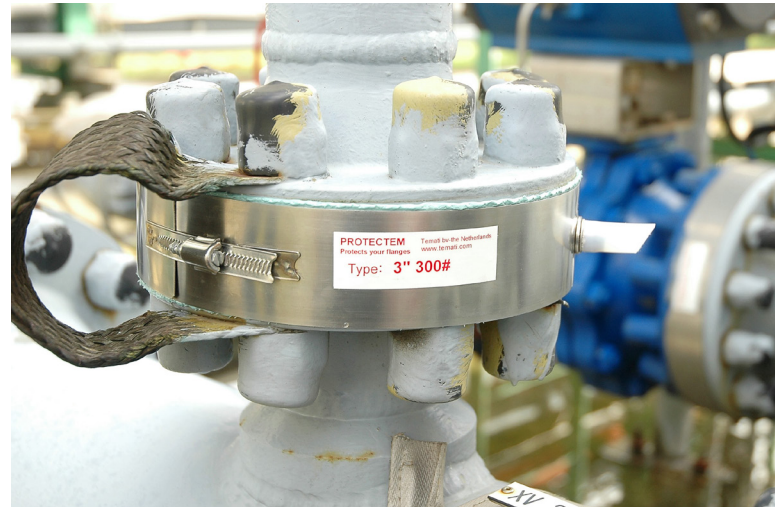


## Special products

As distributor for Temati we are able to offer a wide selection of additional products within the segment of insulation and textile. These products can operate as systems against e.g. CUI or as single components within more complex systems.

### General product overview:

- Tembutil (protective tape/foil in butyl rubber)
- Drainplugs for insulation
- Flangebelts for leak detection
- Temtex tackers, hooks, staples, washers
- Foster coatings, seal and sealant
- Inspections plugs
- Water indicators
- Handi Foam two-component PU foam insulation



Flangebelts



Drainplugs

## Other service

- Heat TRANSFER Calculation
- Project consultant services regarding passive fire protection
- Passive fire protection in tunnels







# PPE

## (Personal Protective Equipment)

We are Jutec's distributor in Norway for heat protective clothes and equipment. They offer special clothing for heat exposed work, made in Germany.

Jutec was founded in 1987, and operate in the field "technical textiles". They have a wide specter within heat, work and machine protection.

Jutec have certified solutions which provide customers world wide a high degree of safety during work performance. We have jackets, coats, trousers, head and neck protection, gloves and more for radiant and contact heat up to 1000 degrees Celcius.



## What type of fabrics do we offer?

(approved within EN ISO 11612)

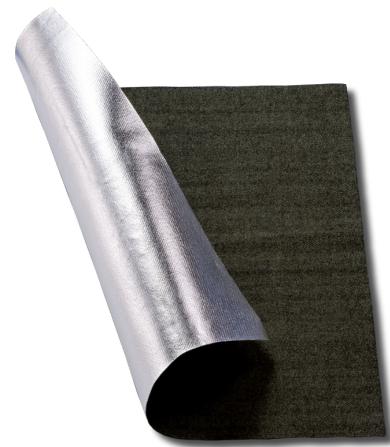
Extreme temperatures above 1000 degrees Celcius, demands specially developed fabrics in order to provide the suitable protection.

Jutec uses certified material combinations of its own development as the basic materials for the PPE. That's how they succeed in protecting against dangers at workplaces exposed to heat. Naturally, tested and certified by independent test institutes.

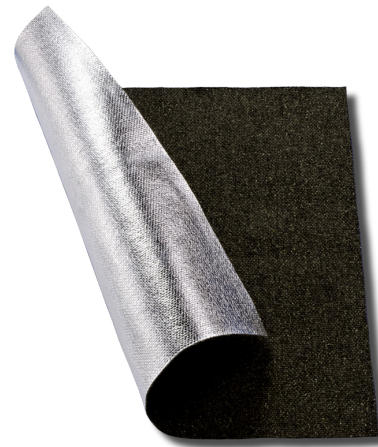
Our 3 most used fabrics are:



**KA-1**  
Preox-Aramid fabric, approx 260g/m<sup>2</sup>, covered by a layer aluminium through a special vacuum process. It is very flexible and has a very pleasant wearing comfort.



**KA-2**  
Preox-Aramid fabric, approx 400g/m<sup>2</sup>, covered by a layer aluminium through a special vacuum process. It's slightly heavier, but still very soft and comfortable to wear.



**KA-9**  
Preox-Aramid fabric, approx 650g/m<sup>2</sup>, covered by a layer aluminium through a special vacuum process. This is one of our most robust fabric and meant for extreme temperatures and heavy spatters with large particles. Still soft and comfortable to wear.

There are also other types of fabrics, so that almost any need for protection can be covered.

“Even heros  
need protection”





# PRODUCTION IN MOSJØEN



CUTTING TABLE MCT



CUTTING TABLE Z1



SEWING ROOM







**Höganäs  
Borgestad**