



Allteko®

Pyrogel®
HPS

 **PAROC®**
Insulate for life

Armaflex®

FOAMGLAS®



ALLTEKO 18 YEARS + IN OPERATION

ALLTEKO have now been in operation for over 18 years. Incorporated in August 2006, ALLTEKO continue to grow year on year, offering their Global Customer Base a high level of specialist procurement services, across a wide range of commodities.

Whatever you need, you need ALLTEKO.

“In meeting all of our customers’ requirements, and providing a huge range of commodities and on time delivery, ALLTEKO endeavor to ensure that our customers always remain completely satisfied.”

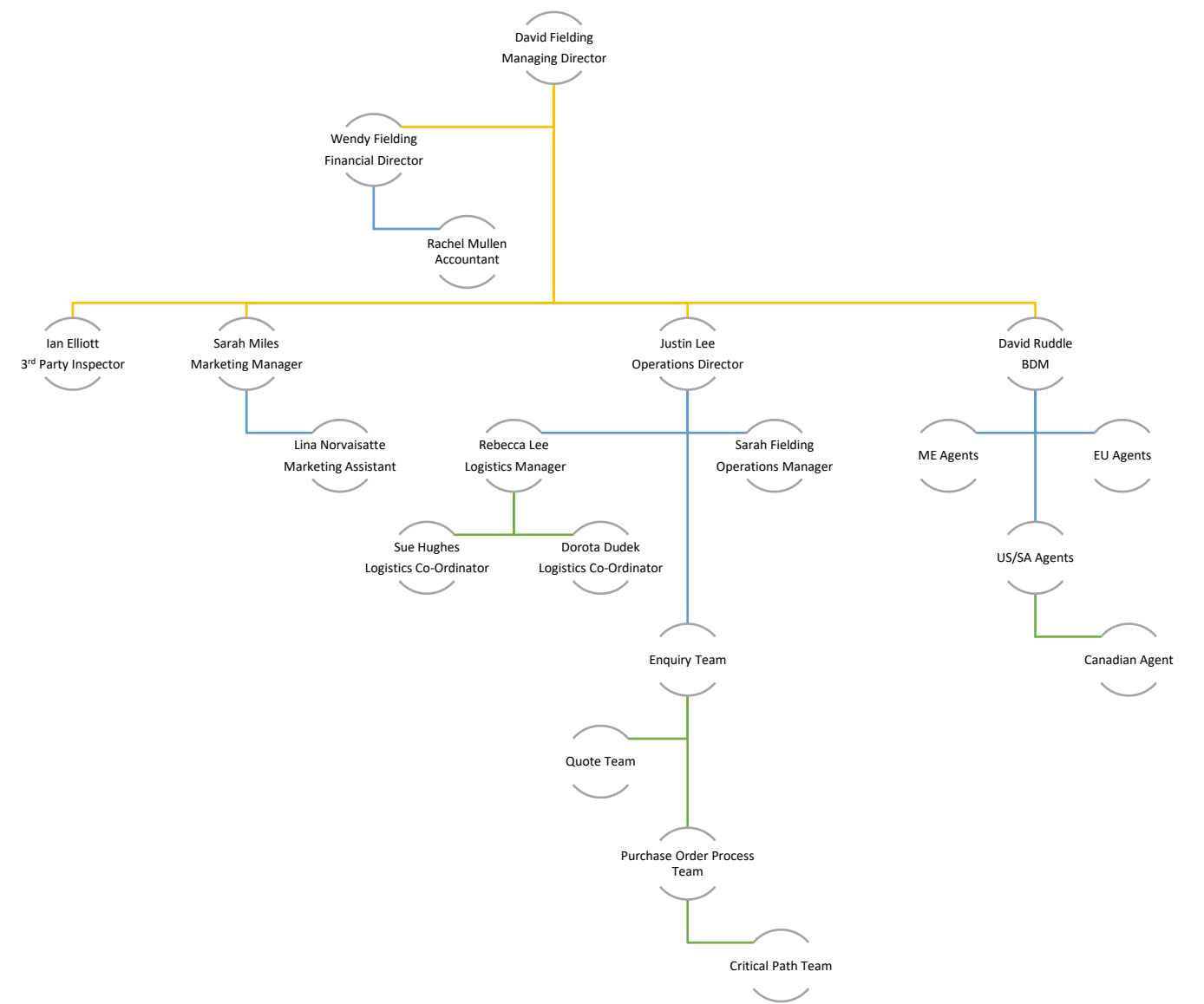
David Fielding – Managing Director



The Allteko logo, consisting of the word 'Allteko' in a bold, white, sans-serif font. The 'A' is stylized with a horizontal bar. The logo is positioned in the bottom left corner of the image, overlaid on a dark background of an industrial facility.



ALLTEKO STAFF STRUCTURE

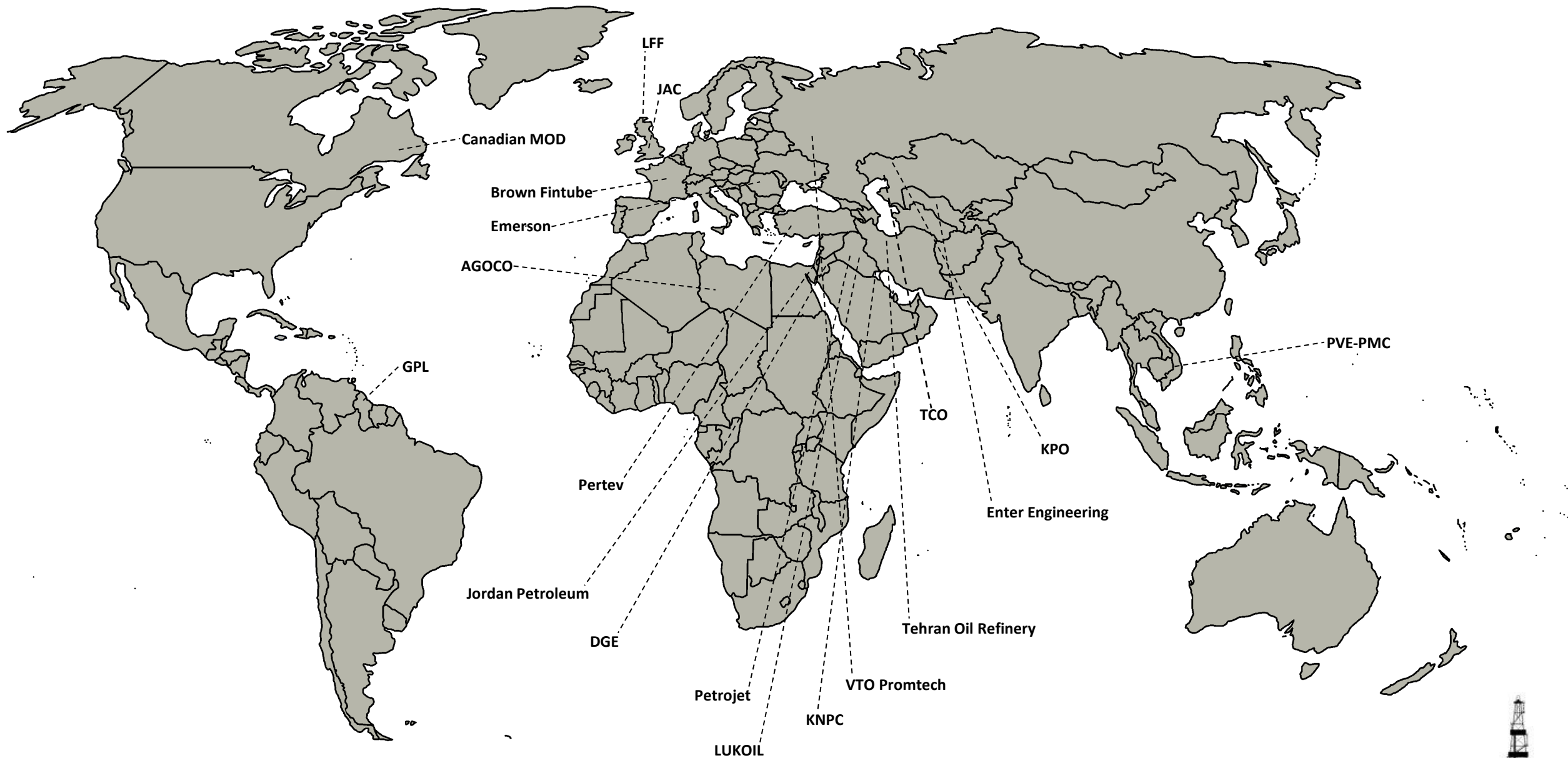




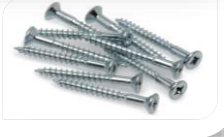
Alteko

OVERSEAS CUSTOMERS





ALLTEKO INSULATION & ANCILLIARIES



- Pyrogel XT-E Flexible (1.5 x 93M) 5mm
- Pyrogel XT-E Flexible (1.5 x 53M) 10mm
- Cryogel Z Flexible Aerogel Insulation for Cold Work (10mm)
- Armaflex Class O (15 x 2000mm) 19mm/25mm
- Armaflex AF/B1 (22 x 2000mm) 19mm
- Armaflex M48 (2M)
- Armaflex HT (19 x 28mm/19x48mm/19x54mm)
- Insulation Blanket (1000mmx4000mmx60mm) - galvanised wire mesh, backing, non-asbestos
- Insulation Roll (1000mmx2500/3500/4000/4500/5000mmx40/50/70/80/100mm) - galvanised wire mesh, backing, non-asbestos
- Insulation Preformed Pipe Section (0.75/1/2/8")

- Sheet Aluminium, 1000mm (0.6/0.8/1.0/1.2)mm
- Aluminium Jacketing (0.8mm)
- Aluzinc: Petrochem ZX (0.5mm/0.8mm)
- Aluminium Plate (1000mmx2000mmx6mm)
- Aluminium Strip (20mmx1mm)
- Clip (35mmx1mmx20mm) AISI 304
- Aluminium Foil Tape (50mmx45Mx0.08mm) 40Micron
- Foil: Heavy Roll (500mmx150Mx0.04mm)
- Strap (20mmx0.5mm)
- Banding (15/20mmx0.5mm) SS 304 283M Coil (Fully Annealed available)
- Galvanised Flat Bar (0.5mmx16mm)
- Spring Ring Galvanised Flat Bar (25mmx3mm) 50M Coil
- Tie Wire (Cold Drawn) SS 304 (1mm)
- Tie Wire (Fully Annealed, 16 Gauge) SS 304 (1.6mm)
- Rivet: Blind (3.2/4/4.2mmx6/10/12mm)
- Rivet: Pop Blind (3.2x6mm)
- Toggle: Male/Female (13/17mmx45/50/60mm) Galvanised
- S Clips
- Seal: Wing (20mm) SS304
- Sheet Metal Screws (4.2mmx13mm) Self Tapping
- Bolt (M8) 50mm Head Nex
- Polythene Sheet 250 Micron (GOST 10354-82)
- Duct Tape (50/75mmx50M) All weather
- Colorplast Adhesive Tape (20mmx25M)
- Joint Sealing Tape (15mmx2mmx22.5M)



PYROGEL/CRYOGEL PROPERTIES



- Flexible Aerogel Insulation for Hot Work (10mm)
- Superior Thermal Performance
- Reduced Thickness and Profile
- Less Time and Labour to Install
- Physically Robust
- Hydrophobic Yet Breathable



- Flexible Aerogel Insulation for Hot Work (10mm)
- Exceptional Protection Against Fire
- Superior Thermal Performance
- Reduced Thickness and Profile
- Less Time and Labour to Install
- Physically Robust
- Hydrophobic Yet Breathable



- Flexible Aerogel Insulation for Cold Work (10mm)
- Superior Thermal Performance
- Reduced Thickness and Profile
- Less Time and Labour to Install
- Zero Permeability, Integral Vapor Barrier
- Physically Robust
- Eliminates Contraction Joints



PYROGEL XTE



Pyrogel® XTE

FLEXIBLE INSULATION FOR HIGH TEMPERATURE APPLICATIONS

Pyrogel XTE is the most effective high-temperature insulation material in the industrial market, typically 2-5 times thinner than other widely used insulation products. It is our easiest product ever to handle, store, and install. Pyrogel XTE is used for a wide range of industrial applications encompassing project and maintenance work in refineries, petrochemical, and gas processing plants. Pyrogel XTE high-temperature insulation is versatile, efficient, durable, and more productive to install. Pyrogel XTE has demonstrated time-saving advantages in turnarounds across a range of applications, with its greatest benefit seen in vessels and large bore piping. Pyrogel XTE is extremely hydrophobic and breathable. By keeping the underlying asset drier for longer, Pyrogel XTE offers world-class leading CUI (corrosion under insulation) defense. Pyrogel XTE delivers industry-leading high thermal performance in a flexible, environmentally safe, and easy-to-use industrial insulation product.

PHYSICAL PROPERTIES

Thickness*	0.2 in (5 mm)	0.4 in (10 mm)
Material Form*	1,500 ft ² rolls	850 ft ² rolls/ 80 ft ² rolls
Max. Use Temp.	1202°F (650°C)	
Color	Maroon	
Density*	12.5 lb/ft ³ (0.20 g/cc)	
Hydrophobic	Yes	

* Nominal values. Thicknesses measured using a method derived from ASTM C 518 and another proprietary method to provide resolutions an order of magnitude smaller than ASTM C 167.



PYROGEL XTE



ADVANTAGES OF PYROGEL® INSULATION

Superior Thermal Performance - Up to five times better high-thermal performance than competing insulation products.

Reduced Thickness and Profile

Equal thermal resistance at a fraction of the thickness. Maximize process infrastructure and resolve mechanical clashes.

Less Time and Labor to Install

Pyrogel insulation is easily cut and conformed to complex shapes, tight curvatures, and spaces with restricted access. Pyrogel XTE supports more insulation coverage per man hour than traditional forms of insulation.

Reusable - Lower Lifetime Costs

Pyrogel XTE is easily removed for inspection and maintenance and can be reused in original service, reducing downtime and eliminating the need to purchase replacement insulation at regular maintenance cycles.

Physically Robust and Impact Resistant

Soft and flexible but with excellent spring back, Pyrogel XTE recovers its thermal performance even after compression events as high as 100 psi, protecting critical assets from compromise due to tool strikes, footfalls, lifting, and transportation.

Logistics Savings - Time and Money

Reduced material volume, high packing density, and low scrap rates can reduce shipping volumes by a factor of five or more compared to rigid, pre-formed high-temperature insulation.

Simplified Inventory

Unlike rigid pre-forms such as pipe cover or board, the same Pyrogel® XTE blanket can be kitted to fit any shape or design. Reduce the time and effort spent managing large numbers of SKU's. Pyrogel XTE offers unrivaled versatility.

Hydrophobic Yet Breathable

Pyrogel® XTE repels liquid water but allows vapor to escape, thereby keeping pipe and equipment drier for longer. Pyrogel XTE supports unrivaled CUI defense, better process stability, and extends the life of your assets.

Environmentally Safe

Pyrogel® XTE insulation is landfill disposable, shot-free, with no respirable fiber content.



PYROGEL XTF



Pyrogel® XTF

COMBINED PASSIVE FIRE PROTECTION AND THERMAL INSULATION FOR HIGH-TEMPERATURE APPLICATIONS

Pyrogel® XTF aerogel blanket insulation is designed to provide exceptional passive fire protection and superior thermal performance in a thin, lightweight format.

Tested to the most stringent fire-protection standards, Pyrogel XTF delivers hydrocarbon pool-fire protection for up to 4 hours, and jet fire protection up to 2 hours. It can also be used to meet the requirements of API 521 for the sizing of pressure relief systems.

Pyrogel XTF incorporates all the insulative qualities of Pyrogel XTE to combine class-leading thermal performance with versatile passive fire protection. Hydrophobic and breathable, Pyrogel XTF keeps underlying assets drier for longer, providing superior corrosion defense and maintaining process conditions in the harshest of environments.

Offering more asset coverage per man hour, especially on large-bore piping, vessels and skirts, Pyrogel XTF supports a faster return to service. It can be applied in all weather conditions and requires no cure time, providing immediate protection of assets.

PHYSICAL PROPERTIES

Thickness*	0.4 in (10 mm)
Material Form*	850 ft² rolls
Max. Use Temp.	1200°F (650°C)
Color	Gray
Density*	12.5 lb/ft³ (0.20 g/cc)
Hydrophobic	Yes



ADVANTAGES

Lower total installed cost compared to traditional passive fire protections

Faster and easier application gives immediate passive fire protection—no curing or drying time needed

Can be installed in all weather conditions

Easily removed and reused after inspection

Hydrophobic and breathable; resists liquid water and the damaging effects of CUI/CUF

Lightweight, durable design allows for pre-insulation

Suitable for applications from ambient to 650°C/1200°F



CRYOGEL Z



Cryogel® Z
FLEXIBLE CRYOGENIC INSULATION FOR COLD WORK

Cryogel® Z cryogenic insulation is used in below-ambient-temperature applications in the oil and gas processing industry (LNG, LPG, ethylene, etc.) and industrial appliances. Cryogel® Z has the lowest k-value of any widely used cryogenic insulation material, reducing thicknesses by 50%-80%. Cryogel® Z's flexible blanket form, with a factory-applied vapor barrier, is both fast to install and durable, resulting in lower-cost, higher performing designs.

PHYSICAL PROPERTIES

Thickness*	0.2 in (5 mm)	0.4 in (10 mm)
Material Form*	Approx. 1250 sqft; 58 in wide	Approx. 700 sqft; 58 in wide
Max. Use Temp.	257°F (125°C)	
Color	White	
Density*	10.0 lb/ft ³ (0.16 g/cc)	
Hydrophobic	Yes	

* Nominal values.



CRYOGEL Z



ADVANTAGES

Superior Thermal Performance - Up to five times better thermal performance than competing insulation products.

Reduced Thickness and Profile

Equal thermal resistance at a fraction of the thickness.

Less Time and Labor to Install

Cryogel® Z insulation is easily cut and conformed to complex shapes, tight curvatures, and spaces with restricted access.

Zero Permeability Due to Integral Vapor Barrier

Provides redundant moisture protection in an easy-to-install package.

Physically Robust and Impact Resistant

Soft and flexible but with excellent spring back, Cryogel Z recovers its thermal performance even after compression events as high as 100 psi, protecting critical assets from compromise due to tool strikes, footfalls, lifting, and transportation.

Shipping and Warehousing Savings

Reduced material volume, high packing density, and low scrap rates can reduce shipping volumes by a factor of five or more compared to rigid, pre-formed insulations.

Eliminates Contraction Joints

Because it remains flexible even at cryogenic temperatures, Cryogel® Z cryogenic insulation eliminates the contraction joints used to prevent compressive failure in other insulation materials.

Environmentally Safe

Landfill disposable, shot-free, with no respirable fiber content.

PAROC INSULATION – PROCESS INDUSTRY MATS



PAROC Pro Mat 80

PAROC Pro Mat 80 is a non-combustible stone wool mat for industrial applications. Stone wool mat for thermal insulation purposes when insulating flat or irregularly shaped equipment.



PAROC Pro Mat 100

PAROC Pro Mat 100 is a non-combustible stone wool mat for industrial applications. Stone wool mat for thermal insulation purposes when insulating flat or irregularly shaped equipment.



PAROC INSULATION – PROCESS INDUSTRY WIRED MATS



PAROC Pro Wired Mat 130 AL1

Non-combustible stone wool mat with aluminium foil facing. Thermal insulation of cylindrical, conic & level surfaces. Euroclass A1 rating



PAROC Pro Wired Mat 100 AL1

Non-combustible stone wool mat with aluminium foil facing. Thermal insulation of cylindrical, conic & level surfaces. Euroclass A1 rating.



PAROC Pro Wired Mat 80 AL1

Non-combustible stone wool mat with aluminium foil facing. Thermal insulation of cylindrical, conic & level surfaces. Euroclass A1 rating.



PAROC Pro Wired Mat 130

A non-combustible stone wool mat. Used for thermal insulation of cylindrical, conic & level surfaces. Euroclass A1 fire rating



PAROC Pro Wired Mat 100

A non-combustible stone wool mat. Used for thermal insulation of cylindrical, conic & level surfaces. Euroclass A1 fire rating



PAROC Pro Wired Mat 80

A non-combustible stone wool mat. Used for thermal insulation of cylindrical, conic & level surfaces. Euroclass A1 fire rating



PAROC INSULATION – PIPE SECTIONS



PAROC Pro Lock WR 140

PAROC Pro Lock WR 140 is a non-combustible water repellent stone wool pipe section for high temperature industrial pipe lines with z-lock in radial and longitudinal joints. When insulating pipes with these pipe sections you don't need to use any gladding bearing metal structures, which cause remarkable heat bridges.



PAROC Pro Lock WR 100

PAROC Pro Lock WR 100 is a non-combustible water repellent stone wool pipe section for high temperature industrial pipe lines with z-lock in radial and longitudinal joints. When insulating pipes with these pipe sections you don't need to use any gladding bearing metal structures, which cause remarkable heat bridges.



PAROC Pro Section WR 140

PAROC Pro Section WR 140 is a non-combustible water repellent stone wool pipe section for industrial pipe lines. When insulating pipes with these pipe sections you don't need to use any gladding bearing metal structures, which cause remarkable heat bridges.



PAROC Pro Section WR 100

PAROC Pro Section WR 100 is a non-combustible water repellent stone wool pipe section for industrial pipe lines. When insulating pipes with these pipe sections you don't need to use any gladding bearing metal structures, which cause remarkable heat bridges.



PAROC INSULATION – BENDS & SEGMENTS



PAROC Pro Bend WR 140

PAROC Pro Bend 140 WR is a ready cut part for small pipe elbows in high temperature made of non-combustible water repellent stone wool pipe section. Factory produced bends are a very good and fast insulation solution for pipe elbows.



PAROC Pro Bend WR 100

PAROC Pro Bend 100 WR is a ready cut part for small pipe elbows in high temperature made of non-combustible water repellent stone wool pipe section. Factory produced bends are a very good and fast insulation solution for pipe elbows.



PAROC Pro Segment WR 140

PAROC Pro Segment WR 140 is a ready cut segment pack, also available in double layer, for medium and large size pipe elbows in high temperature made of non-combustible stone wool pipe section. These factory made insulation parts give the best insulation solution for big pipe elbows without heat bridges.



PAROC Pro Segment WR 100

PAROC Pro Segment WR 100 is a ready cut segment pack, also available in double layer, for medium and large size pipe elbows in high temperature made of non-combustible stone wool pipe section. These factory made insulation parts give the best insulation solution for big pipe elbows without heat bridges.



ARMAFLEX PIPE INSULATION



FR/Armaflex pipe insulation is the flexible, closed cell, elastomeric, nitrile rubber insulation that offers reliable protection against condensation and effectively prevents energy loss.





FOAMGLAS – PREFABRICATED SHELLS/SEGMENTS/ELBOWS/T-PIECES



Prefabricated half shells for insulation of straight pipes (PSH)

FOAMGLAS® pipe shells (PSH) are fabricated for straight pipes. The shells are prefabricated, allowing for fast installation and superior insulating performance for a variety of industrial and commercial pipe insulation applications.

PSH's can be manufactured in single or multi-layer configurations.

Prefabricated segments for insulation of straight pipes (PSG)

FOAMGLAS® pipe segments (PSG) are fabricated for straight pipes. Segments are prefabricated, allowing for fast installation and superior insulating performance for a variety of large diameter industrial and commercial pipe insulating applications.

PSG's can be manufactured in single or multi-layer configurations.

Prefabricated quarter shells from insulation of straight pipes (PSQ)

FOAMGLAS® quarter shells are fabricated for straight pipes. Quarter shells are prefabricated, allowing for fast insulation and superior insulating performance for a variety of large diameter industrial and commercial pipe insulating applications. Quarter shells can reduce number of segments, reduce joints, and is often the best scenario for use of pre-applied coatings.

PSQ's can be manufactured in single or multi-layer configurations.

FOAMGLAS – PREFABRICATED SHELLS/SEGMENTS/ELBOWS/T-PIECES



FOAMGLAS® Pipe Insulation Elbows

FOAMGLAS® elbows are fabricated for insulating bends in pipe work. The elbows are prefabricated, allowing for fast installation and superior insulating performance for a variety of industrial and commercial insulation application.

Elbows can be fabricated in single or double layer configuration.

FOAMGLAS® Pipe Insulation T-Pieces

FOAMGLAS® T-pieces are designed to easily insulate intersections in pipe work. T-pieces are prefabricated, allowing for fast installation and superior insulating performance for a variety of industrial and commercial insulation applications.

T-pieces can be fabricated in single or double layer configuration.

FOAMGLAS® Insulation Boxes

FOAMGLAS® insulation boxes are designed to insulate valves and flanges in pipe work. Boxes are prefabricated in three standard configurations for fast installation and superior insulating performance for a wide variety of industrial and commercial insulation applications.

Boxes can be fabricated in single or double layer configuration.

FOAMGLAS® – PREFABRICATED SHELLS/SEGMENTS/ELBOWS/T-PIECES



FOAMGLAS® Insulation for Pipe Reducers

FOAMGLAS® insulation can be fabricated into pipe reducers to insulate and connect pipe work of which the pipe diameter varies, minimizing the amount of on-site cutting and fitting and eliminating the need to cut shells and segments.

FOAMGLAS® insulation pipe reducers can be fabricated in concentric or eccentric formats.

FOAMGLAS® Insulation for Pipe End Caps

FOAMGLAS® insulation can be fabricated into pipe end caps minimizing the amount of on-site cutting and fitting and eliminating the need to cut shells and segments.

FOAMGLAS® insulation pipe end caps can be fabricated in single or double layer formats.

FOAMGLAS® Insulation Termination Pieces for Piping

FOAMGLAS® insulation can be prefabricated into pipe termination pieces minimizing the amount of on-site cutting and fitting and eliminating the need to cut shells and segments.



FOAMGLAS® – PREFABRICATED SHELLS/SEGMENTS/ELBOWS/T-PIECES



FOAMGLAS® Insulation Victaulic Elbows

FOAMGLAS® insulation can be fabricated into victaulic elbows to insulate bends in pipe work. The elbows are prefabricated, allowing for fast installation and superior insulating performance for a variety of industrial and commercial insulation application.

FOAMGLAS® Insulation Curve Segments (TSG)

FOAMGLAS® insulation TSG segments can be fabricated using a single or multi-layered approach and preassembled for fast installation and superior insulating performance for a variety of industrial and commercial insulation vessel and tank shell applications.

FOAMGLAS® Vessel Head Segments

FOAMGLAS® Insulation can be fabricated into vessel head segments. FOAMGLAS® insulation vessel head segments can be preassembled in single or multi-layered configurations, allowing for fast installation and superior insulating performance for a variety of industrial and commercial insulation vessel applications.

FOAMGLAS® – PREFABRICATED SHELLS/SEGMENTS/ELBOWS/T-PIECES



FOAMGLAS® Spherical Head Segments (SHS)

FOAMGLAS® insulation can be fabricated into spherical head segment for insulating spheres and other sphere-shaped equipment. These segments are prefabricated, allowing for fast installation and superior insulating performance for a variety of industrial and commercial insulation applications. Spherical Head Segments can be fabricated in single or double layer configuration.

FOAMGLAS® Conical Equipment Segments (CSG)

FOAMGLAS® Insulation can be fabricated into segments for insulating conical vessel ends or conical transition parts. These segments are prefabricated, allowing for fast installation and superior insulating performance for a variety of industrial and commercial insulation applications.

FOAMGLAS® Insulation Trapezoidal Parts

FOAMGLAS® Insulation can be fabricated and assembled to insulate trapezoidal shaped equipment. Trapezoidal parts are prefabricated, allowing for fast installation and superior insulating performance for a variety of industrial and commercial insulation applications. Trapezoidal parts can be fabricated in a single or multi-layered configuration.



Allteko

ANCILLIARIES



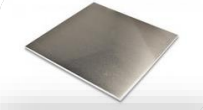
Sheet Aluminium, 1000mm
(0.6/0.8/1.0/1.2)mm



Aluminium Jacketing
(0.8mm)



Aluzinc: Petrochem ZX
(0.5mm/0.8mm)



Aluminium Plate
(1000mmx2000mmx6mm)



Aluminium Strip
(20mmx1mm)



Aluminium Foil Tape
(50mmx45Mx0.08mm)
40Micron



Strap (20mmx0.5mm)
Banding (15/20mmx0.5mm) SS
304 283M Coil (Fully Annealed
available)



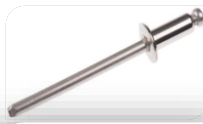
Galvanised Flat Bar
(0.5mmx16mm)



Tie Wire (Cold Drawn) SS 304
(1mm)



Tie Wire (Fully Annealed, 16
Gauge) SS 304 (1.6mm)



Rivet: Blind
(3.2/4/4.2mmx6/10/12mm)
Rivet: Pop Blind (3.2x6mm)



S Clips



Seal:Wing (20mm) SS304



Sheet Metal Screws
(4.2mmx13mm) Self Tapping



Bolt (M8) 50mm Head Nex



Polythene Sheet 250 Micron
(GOST 10354-82)
Duct Tape (50/75mmx50M)
All weather

ALLTEKO – CONTACT

DAVID FIELDING - MANAGING DIRECTOR

 +44(0)1905 26566 EXT 1

 david@allteko.com

DAVID RUDDLE – BUSINESS DEVELOPMENT MANAGER

 +44(0)1905 26566 EXT 4

 d.ruddle@allteko.com

ALLTEKO UK OFFICE

 +44(0)1905 26566

 enquiries@allteko.com

ALLTEKO LIMITED
1 McNAUGHT PLACE
St MARY'S STREET
WORCESTER
WR1 1HA
UK
www.allteko.com

The Allteko logo is located in the bottom left corner of the image. It consists of the word "Allteko" in a bold, white, sans-serif font, set against a black rectangular background.