



FyreWrap®

Marine & Offshore Fire Divisions
Bulkhead & Deck Systems

ALKEGEN

High temperature insulating materials

Alkegen manufactures a wide range of high temperature insulating materials especially suited for use in marine and offshore passive fire protection installations. These products and their variants are parts of our FyreWrap® brand. For more than 30 years, FyreWrap materials have provided lightweight fire insulation for structures exposed to both cellulosic and hydrocarbon fires in cruise ships, yachts, high-speed ferries, military defence vessels and offshore platforms.



Features

- Flexible blanket, with a choice of protective surface coverings
- New thin and extra light-weight systems
- Non-combustible (tested and certificated)
- High insulation performance
- High melting temperature
- Simple installation techniques providing easy application
- Lower weight designs, reducing contribution to structures
- Combined fire, thermal and acoustic insulation
- Easily wrapped to corrugated or stiffened plate profiles
- Minimal cutting required
- Reliable mechanical fixings, no adhesive

FyreWrap Blankets are typically manufactured from a high temperature Alkaline Earth Silicate (AES) wool that incorporate fibres with low bio-persistence and hence are exonerated from any carcinogen classification. They are based on a calcium-magnesiumsilica chemistry, giving excellent thermal and physical stability, melting above 1330°C.

Fire rated divisions from A15 to H120

Tested in accordance with IMO MSC.307(88) with international certification and approvals.

Full technical support available.

Global manufacturing and availability.

References dating back over 30 years.

Benefits

- Weight and space savings
- Reduced labour requirement
- Field applied protection
- 3 in 1 solution – fire, thermal and acoustic insulation
- Long lasting protection, in high vibration environment
- Fire performance maintained following explosion

Surface Coverings

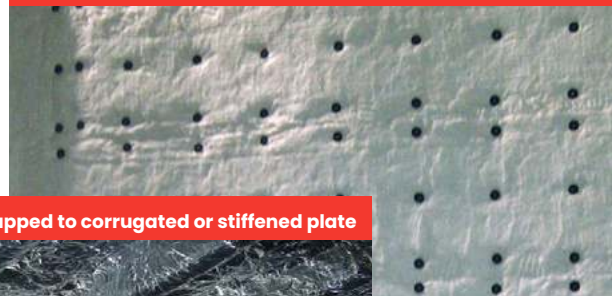
When the insulation is used in areas exposed to weather or potential physical damage, protective methods should be adopted, the following are typical examples:

- Aluminium Foil
- Glass Cloth

Weather Protection Or Cladding

In external areas proprietary water and fire resistant coatings can be applied.

Simple and reliable pin / washer fixing system



Easily profile wrapped to corrugated or stiffened plate



FyreWrap Blanket is a flexible insulation wrap



Industries We Serve



FILTRATION
& CATALYSIS



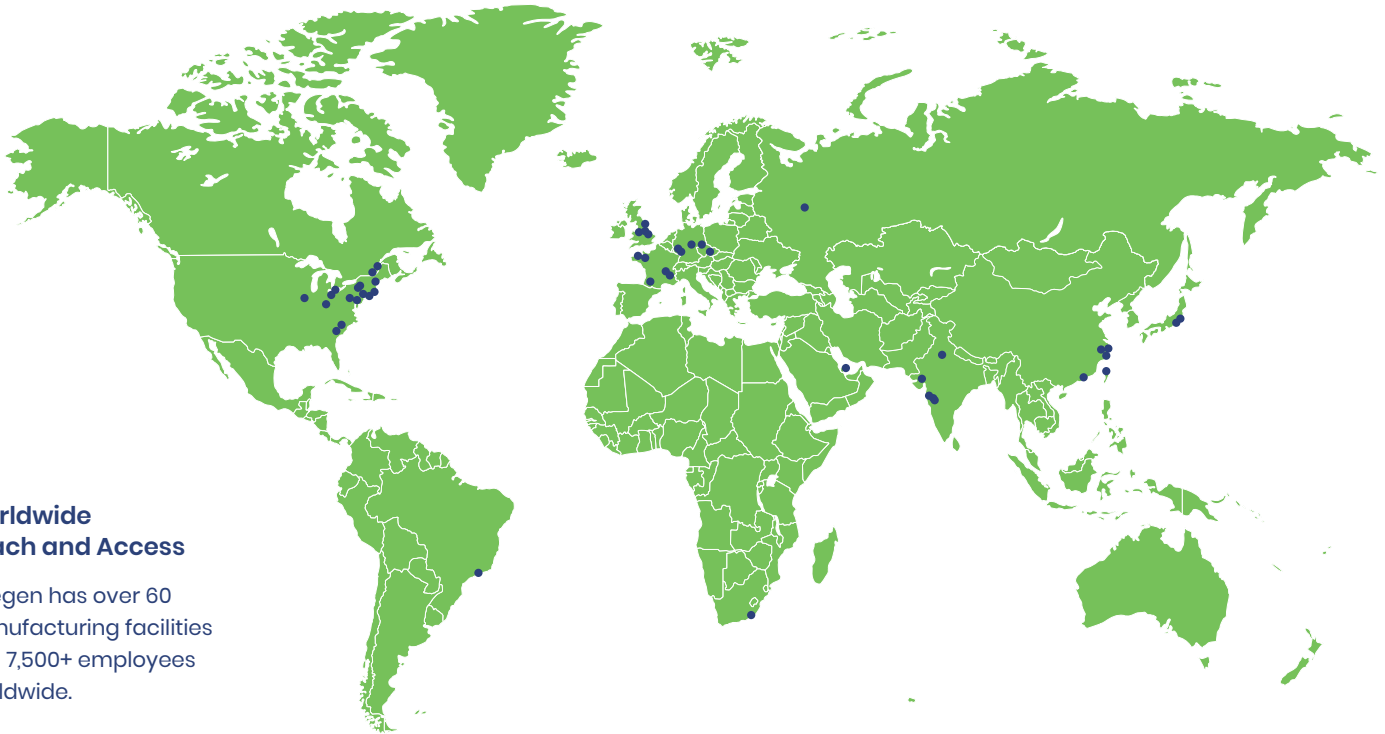
INSULATION



BATTERY +
ADVANCED MOBILITY



CONSTRUCTION
& FIRE PROTECTION



Worldwide Reach and Access

Alkegen has over 60
manufacturing facilities
and 7,500+ employees
worldwide.

**Breathe easier, live greener
and go further than ever before.**

ALKEGEN

**Construction & Advance Materials:
Geosynthetics / Advanced Materials / Fire Protection**

Headquarters

5215 N. O'Connor Blvd, Suite 2300
Irving, TX 75039
Email: info.fp@alkegen.com

Application Engineering Team:

Telephone: 716-768-6298

Other International Locations

Argentina
Australia
Brazil
Canada

China
India
USA
Venezuela

Spain
France
Germany
Italy

Czech Republic
United Kingdom

www.alkegen.com

Form A-6177
Effective 10/25
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