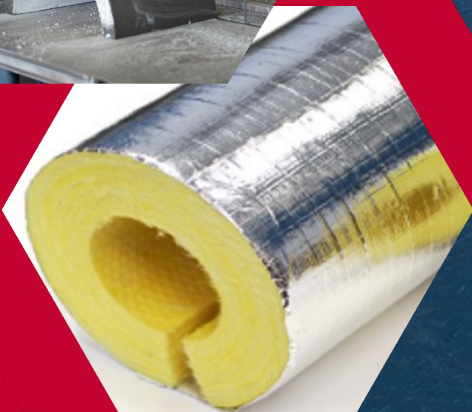




Specialty Products
and Insulation

MARINE



Our technical insulation products provide a wide range of solutions and systems for thermal, acoustic and fire protection applications for the marine industry.

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OUR EXPERTISE

SPI's marine product offerings and solutions insulate and protects all vessel types.

Passenger Ships & Luxury Yachts



Workboats



Military Ships



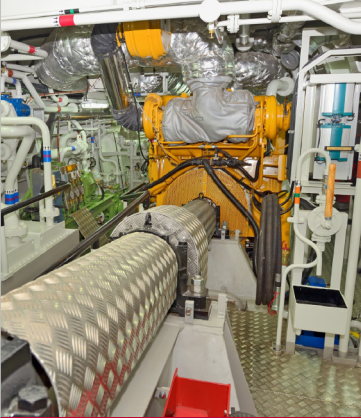
Offshore



APPLICATIONS

SPI's marine product offerings and solutions provide thermal insulation (cryogenic to high temperature) acoustics (sound absorption and sound blocking) and fire protection for all types of vessels.

Engine Rooms



- Exposed Surfaces
- High/Low Temperature
- Tanks & Exhaust ducts
- Piping

Cabins



- Acoustic floor
- Walls

Technical Equipment



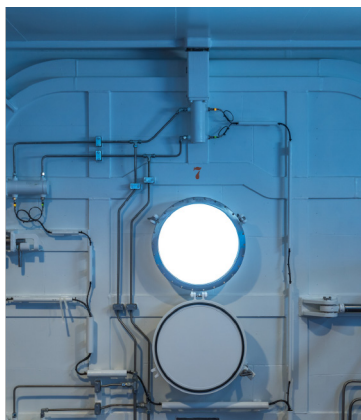
- Exposed Surfaces
- High/Low Temperature
- Tanks & Equipment
- Piping & Duct

Plumbing & HVAC System



- HVAC Duct
- Piping
- Kitchen Exhaust Duct

Main Structures



- Bulkheads
- Decks
- Super Structures

Public Rooms



- Walls
- Ceilings
- Floors

INSULATION

SPI offers products for various commercial vessels, workboats, offshore platforms and Navy ships to meet regulatory requirements and project specifications for thermal insulation (cryogenic to high temperatures), acoustics and fire protection applications. SPI's marine distribution and specialty fabrication products and services provide real value.



Marine insulation plays a crucial role in ensuring the safety and efficiency of maritime vessels. As ships operate in harsh environments with extreme temperature variations, proper insulation is essential to protect against heat loss, condensation, and corrosion. Furthermore, marine insulation also contributes to the comfort of crew members by maintaining comfortable interior temperatures.

Common materials used for marine insulation include fiberglass, mineral wool, low biopersistent fiber, cellular glass and more . Materials are chosen for their thermal resistance, acoustics performance, fire retardant properties, and resistance to moisture absorption. Proper installation of marine insulation requires meticulous attention to detail and expertise in order to meet stringent safety regulations and standards set forth by classification agencies and approved manufacturer installation details.

THERMAL COMFORT

Constructing the ideal thermal environment, high performance insulation materials reduce heat loss and achieve high levels of comfort.

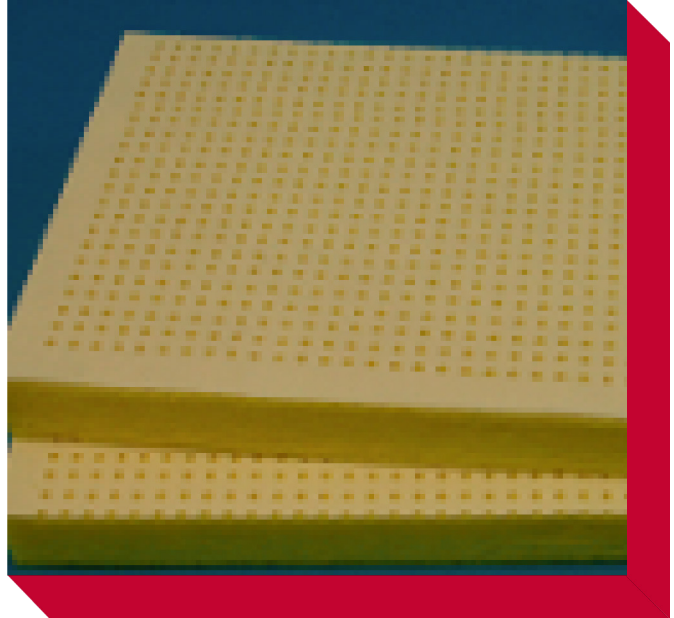


Proper thermal comfort strategies reduce the energy required to heat or cool the interior of a ship. This includes utilizing efficient insulation, temperature control systems, and materials that minimize heat loss or gain. Energy-efficient systems reduce fuel consumption, lowering operational costs while also reducing the vessel's environmental impact.

A consistent internal climate is vital for the protection of sensitive equipment, cargo, and systems on board. Extreme temperatures can affect the functionality of electronic devices, refrigeration, and other systems critical to a vessel's operation. Marine thermal comfort also helps preserve goods, especially perishable items, ensuring they remain in the desired condition throughout the journey.

ACOUSTIC

Increasing acoustic comfort is vital for all carriers.

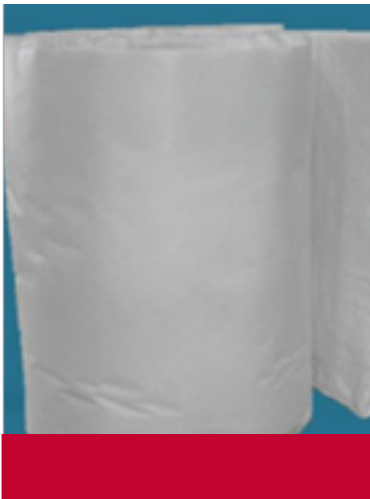


Marine vessels are subject to a variety of internal and external sounds that could impact the vessel itself or marine life. Acoustic insulation can also be designed to mitigate noise pollution, which is increasingly important in protecting marine ecosystems. By reducing the amount of noise transmitted into the water, ships can help minimize disturbance to marine life, particularly species sensitive to noise pollution, such as whales and dolphins.

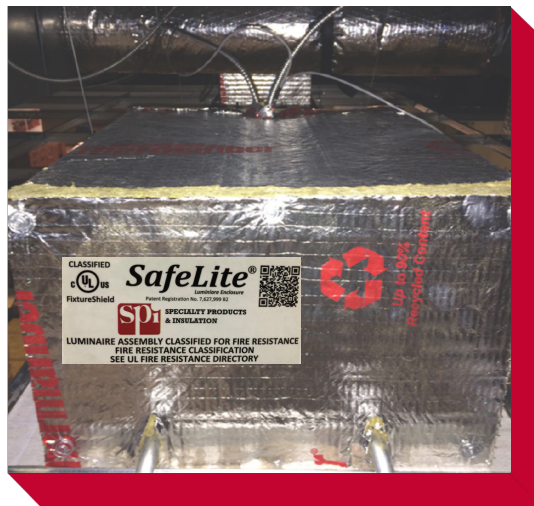
Additionally, acoustic insulation can help maintain privacy by blocking out unwanted sounds from adjacent spaces or outside sources. In professional environments where confidentiality is crucial, such as or medical areas, acoustic insulation is essential for ensuring sensitive information remains protected.

FIRE SAFETY

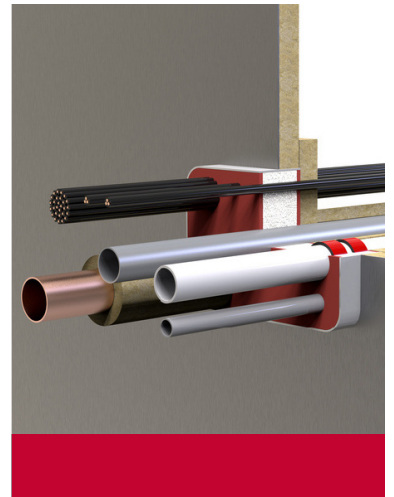
Non-combustible, fire-resistant insulation and approved firestop systems play a key role in any fire prevention and fire containment strategy. Our product solutions are tested to IMO regulations, are Mil specs compliance and rated for their fire safety performance.



Fire rated marine blanket



SafeLite fire, sound blocking and energy saving covers.



Firestop penetration seals for bulkheads and decks.

Fire safety is of utmost importance when it comes to marine insulation due to the unique challenges presented by the marine environment. Insulation plays a crucial role in maintaining temperature control and preventing heat loss in marine vessels.

Proper fire prevention measures, such as regular maintenance of electrical systems, fuel sources, and onboard appliances, are crucial to minimize the risk of a fire breaking out. Additionally, having functional smoke detectors and fire extinguishers on board can help in early detection and suppression of fires.

Typical Protection Applications:

- Conduit and cable tray
- Bulkheads, and decks
- Super structures
- Firestop penetration seals and devices
- Kitchen exhaust duct
- Tanks and Equipment

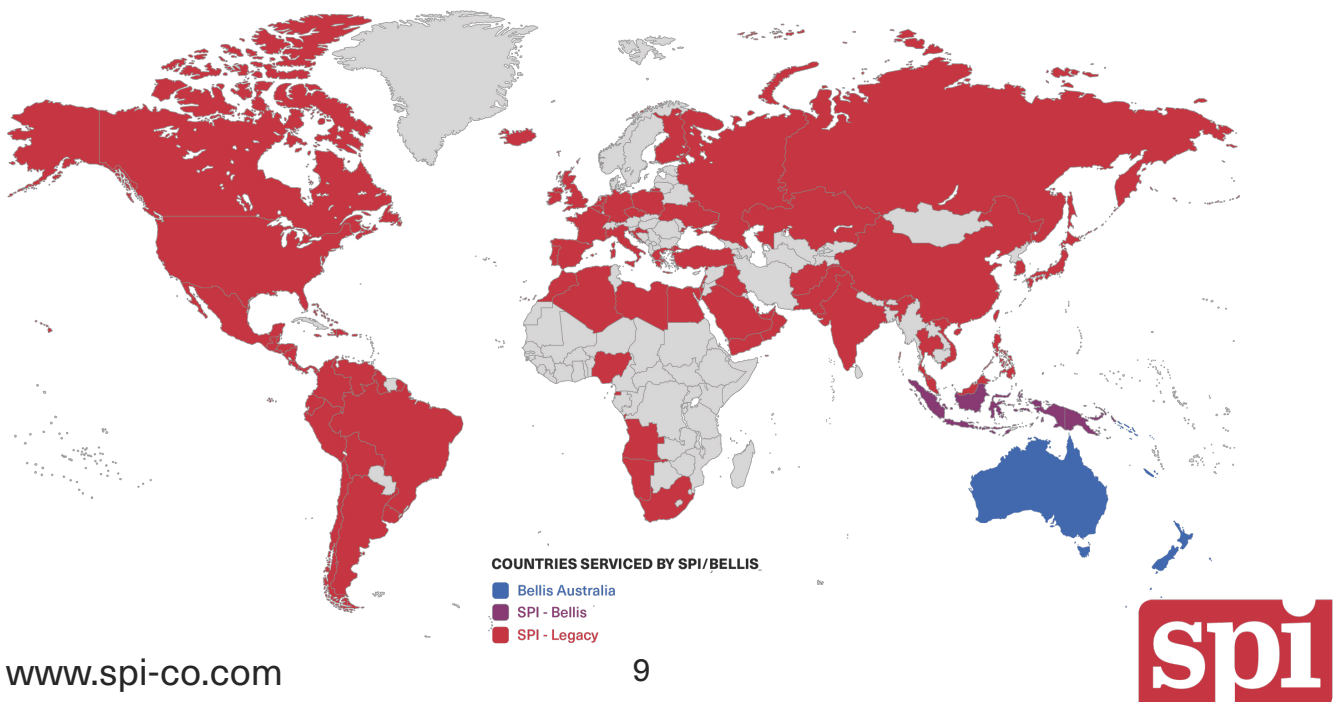
FABRICATION

SPI's fabricated marine insulation products have US Coast Guard and Lloyd's Register approval Certificates. Our value-added insulation systems include cut-to-size panels and special shapes to reduce field installation labor. The insulation systems are designed and selected to meet stringent requirements for thermal, acoustic and fire protection applications using materials from industry leading manufacturers.

SPI's metal fabrication capabilities include press brake forming and bending, and rolling. We have strategically placed our fabricating capabilities in multiple locations throughout the United States.



Our commitment to excellence and customer satisfaction has earned us a reputation as a leader in the industry, making us the preferred choice for companies seeking superior fabrication solutions on a global scale.



ACCESSORIES

We provide all the necessary accessories such as:

- Adhesives
- Coatings
- Mastics
- Pins
- PPE
- Tapes
- Metal fitting covers and cladding
- Wire mesh



At SPI, we pride ourselves on being a one-stop shop for all your Marine Insulation needs, offering a wide range of high-quality accessories to ensure the success of your insulation project. Our extensive selection of products includes everything from specialized tapes, coatings and adhesives to custom-cut insulation boards and jackets, all meticulously designed to meet the rigorous demands of marine applications.

With our industry expertise and commitment to customer satisfaction, we are dedicated to providing innovative solutions that deliver maximum performance and durability. Whether you're working on a new vessel or retrofitting an existing vessel, our team of knowledgeable professionals is here to assist you every step of the way. Trust SPI for all your marine insulation accessory needs – we have the products, expertise, and support you need to get the job done right.

WHY SPI?

SPI is constantly raising the standard for Marine products. We provide a wide range of materials to help you with your next project.

With over 40 years of experience in the industry, SPI offers a wide range of high-quality marine insulation products that are designed to withstand the harsh conditions of marine environments. Their products are engineered to provide excellent thermal performance, moisture resistance, and durability, ensuring long-lasting protection for your vessel.

In addition, SPI's team of experts provides superior customer service and technical support to assist customers in selecting the right products for their specific needs. By choosing SPI for your marine insulation products, you can be confident that you are investing in top-notch quality and performance that will meet and exceed your expectations.

BRAND OFFERINGS



SUSTAINABILITY

SPI's sustainability programs are unparalleled in their comprehensive approach to promoting environmental responsibility and resource conservation within the industry. Through partnerships with leading companies and organizations, SPI has developed initiatives that address every stage of the product lifecycle, from production to disposal. These programs include guidelines for sustainable distribution practices, recycling infrastructure improvements, and consumer education campaigns.

By prioritizing transparency, innovation, and collaboration, SPI is at the forefront of driving positive change in an industry often criticized for its impact on the environment.

Our commitment to ongoing research and development ensures that their sustainability programs remain at the cutting edge of best practices, setting a new standard for corporate stewardship in an increasingly eco-conscious world.



Building the future, **together.**