

Cover your assets !

THE DAYS WHEN THE PROTECTION OF VESSELS UNDERGOING BUILDING, REPAIR OR MODIFICATION COULD BE LEFT TO A FEW SHEETS OF HARDBOARD AND SOME DUSTSHEETS ARE LONG-GONE...



Owners, yards and contractors are now aware of the need to treat, as a specific requirement, the temporary protection of a ship's structure and fittings. Allocation of necessary resources to the task makes sound financial sense as it prevents damage to expensive walls, flooring, furnishings and fittings

For some vessels, such as cruise ships, ferries and mega-yachts, in addition to the ship's structure, there is also the problem of furniture, glass, ceramic items and works of art, etc, which cannot be temporarily removed. Furthermore, not all areas of a vessel are subject to work at the same time and during new-build, for example, finished areas need to be maintained in a pristine condition while other work continues around them.

The time spent on repair and refurbishment of a cruise ship tends to occur when the vessel is not earning. Consequently, there is pressure on the repair yard and its contractors to complete jobs speedily to ensure the ship leaves the yard and returns to service punctually. This often necessitates using large numbers of workers and many items of machinery, all operating in relatively small spaces, which increase the chances of damage being done.

Owners and yards increasingly understand that investment in temporary protection and professional advice, concerning the right types

of protection materials, is not only necessary, but also financially astute.

Ideally, yards and contractors wish to complete their tasks as quickly as possible, and the use of the correct protection materials will prevent unnecessary damage occurring, reduce clean-up times, and reduce the worry of time and financial penalties.

Yards are becoming aware that effective temporary protection safeguards their own interests and those of the owners, who in turn, will see this as a responsible and professional approach.

HELP IS AVAILABLE

Temprotech is a UK based company which has developed and improved various products for the marine industry by using and adapting those from the packaging industry, tailoring them to the very specific needs of the marine and offshore markets. Cruise ship outfitting and refurbishment, for example, represent a significant protection requirement, as the cost of failure to protect specialist finishes, expensive materials and commissioned items is high in terms of both time and money.

Temprotech are proud to have supplied significant quantities of M1 approved floor, wall and furniture protection materials for use on board QM2 – the largest and one of the most lavishly finished cruise liners afloat.

The range of protection materials available meets various needs, from thin films and polyethylene sheeting, (which provide little more than dust sheeting in use for a few days); engineered materials that are lightweight and flexible, (yet offer high impact resistance); through to heavyweight materials that have been designed to provide long term protection.

The provision of self-adhesive coatings for some of these materials improves the speed and ease of application, enhances product performance and leaves a clean surface when removed, limiting clean-up time.

In addition it is possible to custom print materials to publicise contractors' involvement in a project. This is also an aid to stock management of materials where several contractors are working alongside one another because it allows for demarcation of work areas and sub-contractors' responsibility.

Consideration must be given in material selection, to the level and duration of protection required, set against the anticipated risk of damage and the estimated repair cost, should damage occur.

Sometimes we are asked to provide protection then find that the contractor has only set aside a nominal figure for its acquisition, with the request that the material specification be reduced. Under such circumstances, we provide

risk-advice, and point out that the money available will allow for only very limited or inadequate protection.

Today's forward thinking yards include the cost of protection into their tenders, and owners expect to find this information in tender documents.

MATERIALS AVAILABLE

In association with leading manufacturing partners throughout Europe, Temprotech provide a complete range of products and technologies that are specifically designed to provide clean, easy to manage materials that provide optimal levels of flame retardant, temporary protection for all interior and exterior surfaces, materials and applications on board, including;

- Scaffold materials used in the construction of temporary building halls, weatherproofing or containment of sectional builds.
- Woven silicone fabrics with specialist coatings used as smoke/fire barriers and welding blankets during construction or as permanent thermal barriers on bulkheads.
- Thin films (75-300 micron) in the form of expansive layflat sheeting for protecting large

areas from spillages, dust and debris, with an adhesive backing for the temporary protection of carpeted areas, windows and mirrors or as vacuum-formed double or triple layer bubblewraps to protect furniture and fittings.

- Thicker materials (500-800 micron) provided in roll form for the protection of floors, walls and equipment from heavier traffic, knocks and abrasions.
- Specially engineered medium to high density polymer foam in a range of thicknesses providing lightweight and flexible protection with high impact resistance.
- Fluted board sheets that provide light through to heavy-duty protection.

The aim at Temprotech is to provide customers with choice and total solutions that meet all of their requirements during the various stages from newbuild and outfitting through to refit and repair.

SAFETY ASPECTS

Protection from physical damage, spillages or foot traffic alone is not enough. The potential risk of smoke and fire damage remains high, and when it does occur inevitably the damage carries

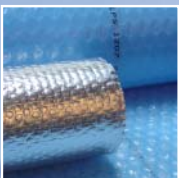
significant time and cost penalties. Whereas damage can be repaired and items replaced, whatever the time and cost penalties, fire leading to loss of life is another matter.

In order to minimise the chance of smoke and fire damage or tragic fatalities occurring, all of Temprotech's protection materials are flame retardant and have been developed and tested to ensure that they do not support combustion. Products are manufactured and certified to a range of standards including; LPS1207, LPS1215, M1 French Norms, Class '0' rating, IMO etc. and are submitted for approval by the relevant authorities, as required by clients.

TAKING PROTECTION SERIOUSLY

When yards and contractors plan their requirements for protective materials, with the assistance of professional advice concerning the work, environment and finishes involved, they safeguard their own position and demonstrate to the owner that they understand the need to protect the vessel and the workers.

A few sheets of hardboard are no longer enough. ■



total solutions in flame retardant temporary protection

Temprotech provide total solutions in flame retardant temporary protection that meet the exacting demands of the Marine and Offshore markets during newbuilding, outfitting, drydocking, refurbishment and repair.

Accidental damage, heavy traffic, dust, debris and spillages can necessitate costly and time-consuming replacement or repair to finished surfaces and environments. Temprotech's materials and technologies can help to ensure that such damage, expenditure and delays are minimised.

All products have been submitted for International Fire Approval and Certification and, in response to changing market needs, are continuously developed to provide innovative, effective and economic solutions offering superior performance and peace of mind.

Email samples@temprotech.com to receive product samples and datasheets



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