

Press release

23 November 2017

Hempel reduces cargo hold maintenance costs by launching new Hempadur Ultra-Strength Fibre 47510.

Today – 23 November – leading global coatings manufacturer Hempel is launching its new cargo hold coating – Hempadur Ultra-Strength Fibre 47510. This innovative coating offers customers an outstanding return on investment by delivering up to 40 per cent reduction in cargo holds maintenance costs*.

This next generation cargo hold coating is specifically designed to withstand the harsh conditions experienced by cargo holds, hatch covers and hatch coamings of bulk carriers. It offers superior corrosion protection and long major repair intervals for owners and operators, as well as application simplicity for shipyards and applicators.

Hempadur Ultra-Strength Fibre 47510 incorporates a unique combination of superior mechanical resistance, fibre and self-toughening technology for improved cargo hold protection. The Hempel's patented fibre technology delivers superior coating flexibility in critical cargo hold areas, whilst the self-toughening technology is activated by cargo heat, boosting the coating's mechanical, chemical and thermal resistance.

Davide Ippolito, Group Project Manager, Marine, Hempel A/S says:

“At Hempel we understand our customers' needs for high performing, ultra-fast curing cargo hold coatings that deliver a fast return to service, minimise maintenance costs, reduce vessel downtime and speed up holds cleaning operations and inspection. As the shipping industry continues to face challenging market conditions, the right investment in the optimum cargo hold coating, such as Hempadur Ultra-Strength Fibre 47510, will deliver an extraordinary reduction up to 40 per cent in cargo hold maintenance costs for shipowners*.”

“Hempadur Ultra-Strength Fibre 47510 builds on the technology behind our successful class-leading Hempadur Ultra-Strength 47500 – that has protected over 6.4 million square metres of steel since its launch in 2009 – elevating cargo hold protection to a higher level.”

Incorporating Hempel's patented fibre technology, this heavy-duty coating exhibits superior resistance to abrasion, impact, cracking and chemical attack, combined with an easy to clean smooth surface. It is a self-priming, two-component, high build, pure epoxy coating which can be applied at a surface temperature of as low as -5°C/22°F. Its fast curing properties allows a rapid return to service – as short as just three days from coating to loading the first hard cargo – to minimise off-hire costs**.

Hempadur Ultra-Strength Fibre 47510 at a glance:

- Excellent cargo resistance with a 10-year major repair interval
- Best in class resistance against self-heating cargoes to reduce hold maintenance costs
- 76 per cent volume solids and low volatile organic compounds (VOC)
- Excellent resistance against abrading and cargo gouging damages to reduce maintenance during operation

- Fast return to service after coating application – three days to carry first hard cargo – minimising vessel downtime**
- Offers easy hold cleaning between cargoes for high cargo flexibility
- High productivity and application simplicity for shipyards and applicators as application is achieved over a wide range of temperatures (-5°C/22°F to +40°C/104°F)
- Complies with FDA regulation in respect of dry foodstuffs

**Compared to a standard epoxy coating for cargo holds. Bulk carrier size: Panamax.
Cost simulation based on 10 years major repair interval. Country of maintenance: China*

*** At coating curing temperature of 25°C/77°F*

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About Hempel

Since 1915 Hempel has been a world-leading coatings specialist, providing protection and inspiration to the world around us. Today we have over 6,000 people in 80 countries delivering trusted solutions in the protective, decorative, marine, container, industrial and yacht markets.

Hempel is proudly owned by the Hempel Foundation, which supports cultural, humanitarian and scientific causes across the world.

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