



LANKHORST ENGINEERED PRODUCTS

KLP® Cladding in the spotlights

Lankhorst has been supplying KLP® Cladding from 100% recycled plastic for 10 years. The cladding is, for example, used for office and school buildings, homes and sheds. The sustainable material is UV and weather resistant, does not rot, is maintenance-free and has an expected technical lifespan of at least 50 years. In the last 5 years the demand for this sustainable building material has clearly increased in the market. Reusing materials and the circular economy play a major role in this. Lankhorst therefore decided to present the synthetic facade panels for the first time at the Gevelbeurs show at the Ahoy Rotterdam in January.

Based on the architect's design, the stand was entirely made from KLP® Cladding which attracted a lot of attention. Even the counter and the bar stools were made from KLP® Plastic. A developer

and an architect who already had a design in wood for movable, modular homes also visited the stand. After seeing the KLP® Cladding however, they decided to opt for the plastic alternative.



KLP® stand at the Gevelbeurs show

Apart from an aesthetical point of view, it also fits much better with their vision on circular economy.

A special example of circular economy is Twente Milieu, a waste collector in Twente. The plastic waste they collect, goes to a processor whom Lankhorst purchases its raw materials from. In 2012 Lankhorst made cladding panels from the plastic waste and Twente Milieu

subsequently used these for cladding their own facades. At the end of the lifecycle the cladding panels can be recycled again and turned into new products by Lankhorst. Closed loop recycling!

The first project deliveries have already been planned for 2018. For example, the Orion College in Amsterdam has given orders for 1300 cladding panels, and Lankhorst soon expects an order from Scholencomplex De Vosheuvel in Amersfoort for delivery of 3815 cladding panels.



KLP® Cladding used on houses



KLP® Cladding used on a building



LANKHORST ROPES



Lankhorst Lanko[®]nect transforms towing

Lankhorst Ropes announces Lanko[®]nect, a synthetic fibre rope connection for the main tow line that replaces a conventional cow hitch, shackle or similar hardware, providing tug operators with a quicker and safer connection during towing.

A typical tow line configuration comprises a main towing line with a forerunner, and perhaps a stretcher, as well as a cow hitch or connector hardware. Labourious and time consuming to make up, there is also a risk of a break in the costly main line

and forerunner from overpulling. The Lanko[®]nect enables a new approach to tow line assembly by removing the need for a cow hitch knot or hardware. It also allows tug operators to set a calculated breaking force for the tow line configuration.

With the Lanko[®]nect there is a minimal chance of damage to other components such as the towing bit and winch on board the tug boat or ship bollard and, of course, the other lines in the towing configuration. By allowing a variable calculated breaking force to be set for the tow line – the Lanko[®]nect can be either the strongest connection or a calculated weak link in a towing configuration.

Industry Approval

During development, the Lanko[®]nect was subjected to rigorous field trials. *"In the short time that we have been using the Lanko[®]nect, the benefits are clearly visible to us. The ease of use and thus indirectly the safety for the crew is striking,"*

says Jan Busscher, Group Procurement Manager, Smit Lamnalco.

"With this solution, we simply earn money. In the past, we connected the main line and the forerunner with a lashing. To replace one of these ropes we had to cut the lashing. With the Lanko[®]nect this is not necessary anymore," notes Andries Looijen, Superintendent, Multtraship.

More Tow Line Options

The Lanko[®]nect connection works with a wide range of synthetic materials including lightweight, high strength Dyneema[®] (Lanko[®]force) and polyester (Strongline[™]). It offers a greater range of connection options than for traditional tow line configurations.

"The Lanko[®]nect is a significant breakthrough in the way in which tug operators can now configure their tow line configuration to maximise the tow, yet reduce the risks of costly damage to the line itself," says Hans-Pieter Baaij, Commercial Director, Lankhorst Ropes.

The Lanko[®]nect installation is quick and simple - no heavy hardware is needed. Moreover, the small Lanko[®]nect knot provides smoother line movement, as well as easier handling, compared to a conventional and large bulky knot.



Lanko[®]nect – a synthetic fibre rope connection

New Lankhorst Ropes brochure for EPCI Contractors

EPCI Contractors are responsible for the Engineering, Procurement, Construction and Installation of offshore facilities and include companies such as FMC Saipem, Technip, McDermott, Subsea7, Heerema, Boskalis and Van Oord.

The new brochure shows how Lankhorst high performance ropes can assist them in tackling many demanding offshore projects both safely and efficiently. Global industries need global suppliers who are able to

adapt to changing project environments. Lankhorst Ropes brings this experience and more to develop the leanest, yet most effective offshore engineering solutions. In the brochure you will find also innovative offshore products

of Lankhorst Engineered Products.

For more information on EPCI products please contact us at maritime@lankhorstropes.com or download the brochure from www.lankhorstropes.com

Lankhorst | Ropes

SYNTHETIC ROPE SOLUTIONS



MA MARITIME

EPCI CONTRACTORS.

WireCo WorldGroup

LANKHORST EURONETE BRASIL

Lankhorst Euronete Brasil exceeds 800 km mooring ropes production

Lankhorst Euronete Brasil (LEB) has completed manufacture of over 800 Km (500 miles) of deepwater mooring ropes over the past 5 years. Since beginning production at its facility in Queimados, Rio de Janeiro in 2012, LEB has supplied mooring lines for some of the most significant offshore Brazil oil field development projects for Petrobras, SBM Offshore, Hendrik Veder, APL, SOFEC, Teekay, and OOGTK.



Lankhorst Euronete Brasil in Queimados, Rio de Janeiro

Projects have included: Petrobras P series FPSOs and DMA, FPSO Cidade de Maricá, FPSO Cidade de Saquarema, FPSO Cidade de Itaguaí, FPSO Cidade de Caraguatuba, FPSO Pioneiro de Libra, FPSO Petrojar1 and Atlanta project, and many more.

LEB is the largest manufacturer of deep water mooring ropes, primarily for the South American offshore oil and gas and maritime markets. It also offers a wide range of heavy synthetic products previously only produced by Lankhorst in Portugal. In addition to rope manufacture, LEB provides

a wide range of offshore engineering services to ensure proper rope handling and compliance with installation procedures.

"800 Km rope production is an important milestone," says Rui Faria, Senior Vice President Global Oil & Gas Synthetics, Lankhorst Euronete Brasil. "Over the past 5 years we've developed our rope manufacturing capability and services to ensure we are well placed to meet the future demands of the Brazilian pre-salt region, the most promising area of ultra-deep water oil production in the world."

FROM THE EDITORS

The next edition of Lankhorst Euronete News will be published in July 2018.

Contact details:
LEnews@lankhorst-sneek.nl

Mafalda Gramaxo (PT)
Paula Oliveira (PT)
Geeske Terpstra (NL)
Ineke Heising (NL)

WWW.LANKHORSTEURONETE.COM

EXHIBITIONS 2018

LANKHORST ROPES

- | | |
|------------------|---|
| 6 – 8 March | Seatrade Cruise Global, Fort Lauderdale (USA) |
| 14 – 16 March | Asia Pacific Maritime, Singapore |
| 20 – 23 March | OTC Asia, Kuala Lumpur (Malaysia) |
| 17 – 19 April | MOC, Alexandria (Egypt) |
| 30 April – 3 May | OTC, Houston (USA) |
| 29 – 31 May | Maritime Industry, Gorinchem (the Netherlands) |
| 25 – 29 June | International Tug & Salvage, Marseille (France) |

LANKHORST ENGINEERED PRODUCTS

- | | |
|------------------|--|
| 5 -6 March | EPOCH congress, Rome (Italy) |
| 20 – 23 March | OTC Asia, Kuala Lumpur (Malaysia) |
| 22 – 24 March | Railwaytech Indonesia, Jakarta (Indonesia) |
| 30 April – 3 May | OTC, Houston (USA) |
| 17 – 22 June | OMAE, Madrid (Spain) |

LANKHORST EURONETE PORTUGAL

- | | |
|-------------|--------------------------------------|
| 1 May | Expo 2018, Scotland (Great Britain) |
| 28 – 30 May | Tuna 2018, Bangkok (Thailand) |
| 1 June | IATTC Congress Eastern Pacific (USA) |

LANKHORST YARNS

- | | |
|--------------|--|
| 6 – 8 March | JEC Europe, Paris (France) |
| 12 – 14 June | Greentech, Amsterdam (the Netherlands) |



KLP® Cladding used on the stand at the Gevelbeurs show