

# PAINTING METAL newsletter

## Contents

Strong industry expertise in Estonia .....	1
ELHO – Deciding factors are product performance and appearance.....	2
INERTA 270 high solids epoxy paint for inner surfaces of tanks .....	4
New water-borne road-marking paint lengthens the painting season .....	5
Scandinavian Coating, 29.–30.5.2013 .....	6

## 2/2013

Published by: Teknos Oy

The Editor: Merja Jakobsson

Layout and makeup: Dynastia Oy

[www.teknos.com](http://www.teknos.com)

## Strong industry expertise in Estonia

A local presence in our main market areas is a fundamental part of our customer promise.

In early March, Estonian firm **Kemiflora Kaubandus OÜ** became part of Teknos Group through an acquisition. The new subsidiary, Teknos OÜ, will now serve our

metal and wood industry customers, as well as consumers and construction experts, in Estonia. In addition to its sales office in Tallinn, Teknos OÜ has locations in Pärnu, Jõhvi, Tartu and Rakvere.

Collaboration between AS Kemiflora and

Teknos is based on long traditions. The employees of the former Kemiflora have solid expertise and long experience of Teknos' industrial coatings.

 **Jari Schneider**  
Senior Group Vice President



# Deciding factors are product performance and appearance

For the products of ELHO, a Finnish manufacturer of work machines and machines for agricultural contractors, the high solids, 2-component TEKNODUR COMBI 3430 polyurethane paint is the best painting solution. Staying competitive requires keeping up-to-date with product development trends.

Oy Elho Ab is known worldwide as a manufacturer of high-quality work machines and machines for agricultural contracts. Established in 1968, this Finnish family-owned company exports most of its products. Nearly all of the 30 countries to which ELHO

exports also have a Teknos subsidiary, representative office, or retailer. The local presence of paint suppliers is deemed important by ELHO.

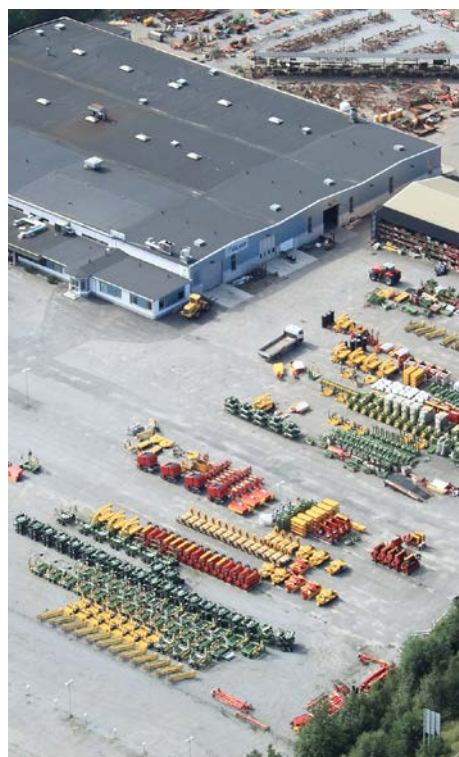
The introduction of a new product takes

time. Testing of the new paint system commenced about a year ago, and Teknos paints are now used on all products manufactured by ELHO. The deciding factors were the paint's UV resistance, ease of application, and fast production throughput time.





State-of-the-art ELHO Arrow 10500 Delta mower conditioner is equipped with a GPS and it is extremely easy to use.



– Price also has an influence, but this is not the only issue. Important factors include the paint supplier's general reliability and provision of technical support, and product performance and appearance. We are very happy with our decision, says **Stig-Göran Forsman**, Managing Director, Oy Elho Ab.

**Water-borne prefabrication primer and high solids polyurethane paint**

The products manufactured by ELHO are painted with adhesion primer using the 1-component, water-borne KORRO AQUA 2741 prefabrication primer. KORRO AQUA 2741 can be topcoated with various 1-component or 2-component paints, such as water-borne acrylate, epoxy and polyurethane paints, solvent-based epoxy and polyurethane paints, and xylene-based alkyd paints.

ELHO uses TEKNODUR COMBI 3430, a high solids, anticorrosive pigmented polyurethane paint, which is suitable for use as

a top coat in polyurethane paint systems. It is also excellent for one-coat painting of steel, zinc and aluminium surfaces. TEKNODUR COMBI 3430 forms a paint film that is highly resistant to mechanical abrasion and weather.

**Hay is always in demand**

Despite the impact of the EU agricultural policy and the world market price of milk on agricultural industry investments, new products are in constant demand.

– Our industry often behaves contrary to the general economic situation. Food and hay are needed every single day. We need to continuously develop new products and push ahead with our work, Forsman concludes.

**For further information:** [www.elho.fi](http://www.elho.fi)

 **Merja Jakobsson**  
Publicist, Metal Coatings

# INERTA 270 high solids epoxy paint for inner surfaces of tanks

High solids, 2-component INERTA 270 epoxy paint is suitable for coating the insides of steel and concrete tanks and basins, e.g. storage tanks in the oil and chemical industry, as well as those of sewage treatment plants.

INERTA 270 withstands the aqueous solutions of most chemicals, as well as heating oil, diesel oil, unleaded petrol, jet fuel and

many solvents. This glossy paint is available in red, yellow and light grey.

Tested paint systems fulfil the requirements of ISO 12944 Standard for corrosivity categories Im1, Im2 and Im3, depending on the total dry film thickness (from 300 µm to 600 µm).

The INERTA 270 epoxy paint has excellent

spray characteristics and is ideal for use with standard, airless 1-component sprayers.

The related chemical resistance table can be found on the Technical Data Sheets list, under 'Metal paints and coatings' at Teknos' website: [www.teknos.com](http://www.teknos.com).

 **Andrei Mukkonen**  
R&D Chemist, Teknos Oy



## INERTA 270

- High-solids epoxy paint
- Suitable for immersed steel surfaces in corrosivity categories Im1, Im2 and Im3
- Anti-corrosive chemical resistant combi coat for two-layer systems
- Excellent adhesion onto sandblasted steel
- Excellent spray characteristics
- Long pot life
- Produces a thick coating with good mechanical and chemical resistance properties
- Resistant to breakdown
- Low VOC emission
- Glossy
- Available in red, yellow and light grey



Test painting with the new water-borne TEKNOROAD 3058 road-marking paint was performed on surfaces such as mountain roads last winter.

## New water-borne road-marking paint lengthens the painting season

Damp weather in spring and autumn create particularly challenging conditions for the drying of water-borne paints. A new innovation by Teknos enables the lengthening of the painting season, based on the new water-borne TENOROAD 3058 road-marking paint, which dries extra fast.



Teknos already has over 50 years of experience in the development of road-marking paint products. Its wide range includes both solvent-based and water-borne products.

The latest product development star is the new, fast-drying water-borne TEKNOROAD 3058 road-marking paint. TEKNOROAD 3058, a markedly faster-drying new paint, was created based on new technology. Thanks to this new technology, the painting season can now begin earlier in the spring and be continued longer into the autumn.

Both white and yellow TEKNOROAD 3058 meet European standard EN 1436 on colour tones for road-marking paints.

Teknos' industrial coatings sales team will be delighted to provide additional information on the new water-borne road-marking paint and our other road-marking products.

 **Markku Oila**  
R&D Chemist, Teknos Oy



## Scandinavian Coating, 29.-30.5.2013

At SCANDINAVIAN COATING in Gothenburg, Sweden, Teknos will present a complete range of coating solutions for industrial use, including powder coatings and wet paints for metal, wood, mineral and plastic surfaces.

No challenge is too small or too big for us, whether it comes to bikes, furniture, hospital equipment, windows and doors, cladding,

agricultural machinery, construction equipment, steel structures, windmills and the next generation of nuclear generating plants.

Visit our stand F01:22!

**For further information:**

[www.scandinaviancoating.com/en](http://www.scandinaviancoating.com/en)

