

PAINTING METAL newsletter

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Teknos is ready to respond to growth in demand

Last year was challenging and this year the game gets still harder, although the economy shows already signs of picking up in Europe and growth continues in the rest of the world.

Teknos is ready to respond to growth in demand. We have trained our staff by deepening the skills with international degrees in the

paint trade (FROSIO certified inspectors) and with internal trainings, among others. We see the future as positive and we expect growth in the sales of metal paints and coatings.

 **Lassi Tirkkonen**
 Group Senior Vice President, Metal Paints and Coatings



The facade on DSV's new domicile has a mother of pearl effect

"We were interested in a white surface on the facades, which "links" to DSV's universe in transport, trucks, planes, etc., and went after the look and characteristics of automotive paint," says **Søren Mølbak**, PLH Architects. He is the architect partner responsible for the construction of the new global headquarters and distribution centre for the transport and logistics company DSV in Heidehusene, Denmark.

PLH Architects were looking for a special surface for the facades of the new DSV domicile. It was a prerequisite that the aluminium surface of the facades should be powder coated, so that they could live up to the requirements for both durability and appearance. A search on the internet led the architects to Teknos, who had the products that were relevant and suitable, and they

also existed in the desired colour and mother of pearl effect.

Living surface catches the daylight

INFRALIT PE 8350-77 DECO with metallic-effect is a high quality; weather-proof; bonded polyester powder coating with GSB and Qualicoat approval. The white pearlescent decorative effect powder coating, which was selected for the DSV project, provides a more vivid surface that captures the daylight and gives life to the entire facade. The surface is of great importance to the aesthetic expression, the maintenance and the durability. The special powder coating gives the aluminium sheets some properties, which mean that they are dirt-repelling, easy to clean and extremely weather-proof. The coating can simply be cleaned/washed in the same work process as when the windows are cleaned. It

is, of course, important that the white facade does not appear dirty at any time.

A sustainable construction

DSV's new headquarters takes advantage of a number of advanced technologies with regards to construction, but at the same time maintains a straightforward and easily understood expression. The architecture reflects DSV's values, and the facade signals this outwardly. The technically-advanced facade is prefabricated as storey height, whole wall elements mounted directly onto the building, which in this way was sealed in only three weeks. Everything including window blinds, ventilation, solar protection features, CTS management, etc. was built into the facade elements when the entire building envelope was set up. The DSV facade is a prefabricated special

INFRALIT PE 8350-77 DECO polyester powder coatings

- Excellent weather resistance
- GSB and Qualicoat approved
- Available in all RAL Classic solid colours in three bonded metallic effects: pearlescent (P), coarse aluminium (C) and fine aluminium (F)
- Semi-gloss
- Short delivery time
- Available also in small batches; minimum delivery 20 kg

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solution, where all the technical functions and expressions have been thought out together. It is the facade supplier HSHansen A/S, which has been responsible for the production of the elements, including the power coating, which has been carried out in cooperation with Teknos' technical consultants. The facade has been designed as an intelligent controlled climate and light shield, which ensures high penetration of daylight deep into the building. The building is laid out in four storeys around an atrium with a reception, locker rooms, meeting centre and canteen on the ground floor and work spaces in open offices on the other floors.

In conjunction with the administration building, a terminal building of 12,000 m² will be constructed for the reloading of goods. The buildings will be connected by a walkway. A number of sustainable initiatives have been incorporated into the project. A large-scale solar cell system will be constructed on the surface of the terminal building, which can supply power to the office domicile and reduce energy consumption as well as contribute to reducing CO2 emissions.

www.plh.dk/en
www.hshansen.dk
www.dsv.com

 **Karin Skov**
 Assistant Marketing & Administration
 Teknos A/S



FACTS

- Architects: PLH Architects A/S
- Facade supplier: HSHansen A/S
- Location of the building: Hedehusene, Denmark.
- Areal: 12,000 m²
- Surface treatment: INFRALIT PE 8350-77 DECO polyester powder coating with metallic effect



Consolidation among Teknos' certified quality inspectors

Krister Wessman achieved a more demanding corrosion prevention class FROSIO quality inspector's degree.

FROSIO is a surface treatment inspector's degree, which requires a long work experience in the field of surface treatment as performer, in work supervision as well as eventually in inspection activities, in particular to achieve level 3.

The training part of the Norwegian certification system FROSIO is limited in time, but demanding and intensive. The portion of those who pass the examination gives an indication of the difficulty of the course; around 75–80 percent of the participants in the final exam have passed. All the participants from Teknos have passed the final exam up to now.

– Training involved a lot of old "familiar" things that you have been busy with for years, but also so much more. One of the great issues of the training was to hear some great stories on how had been done, what had been done, and how should have been done, as

told by the trainer, as well as by way of experience of fellow students, explains Krister Wessman, fresh FROSIO authorised quality inspector.

FROSIO has an important role in today's surface treatment. As work has internationalised, demand for required inspection activities in the market has increased, and this not only in the shipping industry, but also in traditional engineering.

FROSIO inspectors' responsibility is to ensure that surface treatment has been carried out according to all relevant requirements and standards. Even customer quarters often require the presence of FROSIO inspectors as large surface treatment projects proceed and during the final inspection. Completing the FROSIO degree strengthens the skills of Teknos professionals, enabling us to offer more comprehensive value added services for our customers.



- **Krister Wessman** – long line painting professional
- At Teknos since 5/1/1981, began his Teknos career in the paint shop and in technical service.
- Surface treatment technician education alongside his work between 1985 and 1988.
- In sales of Teknos metal industry paint department since March 1988.
- Since 2002 worked as head of Teknos road marking paint department and since 2008 as customer responsible dealer for the metal industry in the economic regions of Forssa, Tampere and Lahti.
- FROSIO-training from November 18 to November 30, 2013.

**Teknos at Pinta 2014 Exhibition
HELSINKI, May 6–8 2014**



**PINTA
2014**

