



Advantages

- ▶ Lankwitzer was the first company who certified the hydro coating system for railway passenger cars in VNIIZT (GOST) in Russia.
- ▶ Certified products and systems gave us the advantage to be the only supplier that would have the necessary approvals for this project.
- ▶ Hydro based paint system that fully meets all the requirements of Siemens AG.
- ▶ Very scratch and chemical resistant clear coat (AD 12) that is superior to any competitors Hydro-based clear coat product.

Coating of the high-speed train «Lastochka» with Hydro Paints. Siemens Desiro Rus.

In 2010 Siemens AG (Germany) and Sinara Group (Russia) signed an agreement to build a modern plant in Russia that allows the production of 240 trains Desiro Rus (Lastochka).

The Agreement obliged the Russian side strictly to follow all the technical specifications developed by Siemens for the current train model. The use of a 2K Hydro-based paint system was mandatory. Siemens AG certified only three producers for this project: Lankwitzer Lackfabrik, Rembrantin and Weilburger.

Because Lankwitzer was the only company who made the certification in VNIIZT (Russian Railway Institute) prior to the project start, Lankwitzer products were chosen by the client as the supplier for the paint materials.

Description of coating process

Objects coated:

Passenger railway cars

Material

Sandblasted Aluminium

Coating line

Dürr high-end coating+drying chambers.

Coating process

Varies from product to product. Please write predaj@lankwitz.sk in case you need exact recommendations

Properties/Approvals

VNIIZT approval.

Materials Used

BG 64 – 2K Epoxy Primer

AG 70 – 2K PUR Filler

AB 01 – 2K PUR Base-coat

AD 12 – 2K PUR Clear-coat

BD 42 – 2K Epoxy Thick-layer Topcoat

