



Advantages

- ▶ High solids paint
- ▶ Fast drying time
- ▶ High dry film thickness in one step
- ▶ Hard, abrasion resistant coating, which also have visco-plastic qualitative properties even with robust transport applications
- ▶ Almost no subsequent work to repair mechanical damage is needed
- ▶ Chemical and corrosion resistant

Production pallet coating for prefabricated concrete 2K-EP-thick coat, elastic RAL 7005

SD 08-7005/5

Company EBAWE Anlagentechnik is a complete supplier for the precast concrete industry. Designs and manufactures production equipment for precast concrete products. Customers are global factories that produce, for example, wall and ceiling panels for residential and commercial buildings with slots for doors and windows, etc. One of the goals of production is production of pallets, i.e. moulds into which the concrete elements are subsequently cast. These production pallets are subject to the highest requirements for mechanical and chemical resistance.

Our task was to achieve high chemical resistance in alkaline environment through 1x applied thick-film system and at the same time to formulate single-layer coating so that nothing could damage it in rough environment of concrete precast concrete production plant.

Description of the painting process

Painted objects

Production pallets
(welded steel constructions)

Material

Steel

Application equipment

Airmix-manual ,continuous on the line

Coating process

- ▶ Air drying 12 hours at room temperature (dry to the touch)
- ▶ Dry layer thickness 160 µm

Material used

SD 08-
2K-EP- thick coat, elastic

Features / Approvals

the following requirements have been met:

- ▶ Resistance to wet concrete and concrete sludge at high air humidity and 80°C (especially requirements on the underside of pallets)
- ▶ Resistance to formwork oil
- ▶ Corrosion resistance
- ▶ Resistance to alkaline media

