



Advantages

- ▶ Inexpensive soaking system
- ▶ Fast drying time
- ▶ Welding ability
- ▶ Very high corrosion protection even in overseas transport
- ▶ good adhesion to the substrate without pre-treatment

Coating components for tubes, pipes and pipelines synthetic-soaking paints

KD 84

Flanschenwerk Bebitz GmbH is a medium-sized company that produces flanges, forgings and steel of the highest quality standards. Bebitz manufactures and supplies carbon steel, stainless steel and high-alloy steel flanges and flange-related products for the chemical, refinery, offshore, power, marine and engineering industries worldwide. These flanges are, among other things, welded to the end of the pipe at customers end, so that the pipe is closed on both ends by flanges. These "fluted" tubes can then be easily folded and screwed together.

Our task was to formulate an economical soaking system which, at low layer thicknesses, protects the flanges during overseas transport and dries quickly.

Description of coating process

Painted objects: pipe joints (flanges) between 12" and 3"

Material: Steel

Application Equipment: soaking pool

Painting process:

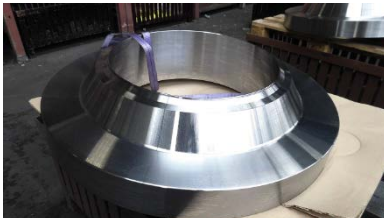
Painting by soaking forged, finely twisted and drilled flanges

- ▶ No pre-treatment, directly from the factory, only bare metal
- ▶ The flanges are soaked in groups of 6 each on a soaking pallet at room temperature
- ▶ Short drip phase
- ▶ Air drying at room temperature for approx. 20 - 30 minutes, after 60 minutes dry to the touch, final load capacity after 7 days
- ▶ Dry layer thickness: 15 - 30µm

Features / Approval

Following internal business requirements were met:

- ▶ Corrosion protection 8 weeks for overseas transport
- ▶ Welding ability



Material used	KD 84-1401/6	KD 84-9500/6
	synthetic soak - yellow glazed, glossy	KH-soaking paint black, silk mat