

# Cleaning - rinsing of 2C systems

## 1. Solvent-based 2C coatings

### 1.1 Epoxy systems, FreiLacke Name FREOPOX

Cleaning the A and B components and a mixture of A+B components with EFD dilution 400424  
No particularities in the rinse programme procedure.

### 1.2 PUR systems (PUR = polyurethane), FreiLacke Name EFDEDUR

Cleaning the A and B components and a mixture of A+B components with:  
e.g. EFD dilutions 400320, 400500 or EFD cleaning agent 400906  
No particularities in the rinse programme procedure.

### 1.3 Structure coatings

Cleaning system-dependent as described under point 1.1/1.2 (epoxy/PUR)  
As an option for the pressure rinsing of lines filled with structure coatings:  
- EFD cleaning agent 400484 = gel-like, high-viscosity cleaning agent

## 2. Water-soluble 2C coatings

### 2.1 Hydro-epoxy systems, FreiLacke Name FREOPOX

Cleaning of the A and B components and a mixture of A+B components with:  
- a mixture of water (mains water <15° German hardness) and an addition  
of 5-10 wt% EFD cleaning agent 400916  
- or the ready-to-use EFD cleaning agents 400486 or 400744  
No particularities in the rinse programme procedure

### 2.2 Hydro-PUR systems (PUR = polyurethane), FreiLacke Name EFDEDUR

Experience shows that two different cleaning agents are required for these systems.

Cleaning the A components and a mixture of A+B components with:

- a mixture of water (mains water <15° German hardness) and an addition  
of 5-10 wt% EFD cleaning agent 400916
- Cleaning the B components with:  
e.g. EFD dilutions 400320, 400500 or EFD cleaning agent 400906

The following rinse programme procedure has proven successful:

1. Cleaning the A components and a mixture of A+B components
2. Cleaning the B components with a small solvent quantity
3. Ending the programme by rinsing the A components again

### 2.3 Hydro-structure coatings

Cleaning system-dependent as described under point 2.1/2.2 (epoxy/PUR)

As an option for the pressure rinsing of lines filled with structure coatings

- EFD cleaning agent 400027 = gel-like, high-viscosity cleaning agent

## 3. Note

Cleaning frequencies and durations vary widely and are determined by the system's line volume  
as well as the colour tone's cleaning properties and, potentially, the mixing ratio of the coating.