

# XAF-201

## Technical Data Sheet

### Description

XAF-201 is a water-based, chrome-containing emulsion.

### Suggested uses and features

XAF-201 is used to provide excellent white rust prevention and finger-print resistance to Galvalum (Zn-55%Al). XAF-201 treated Galvalum surface also possesses very good heat resistance, blackening resistance and chemical/solvent resistance.

### Technical data

Appearance	yellowish emulsion
Solid content	28.5 – 30.5%
pH value	7.0 – 7.5
Density (25°C)	1.125 g/cm <sup>3</sup>

### Properties

Corrosion resistance	0% white rust after 96 hrs in salt spray test (1.0-1.5 µm)
Anti-finger print resistance	excellent
Heat resistance	no color change (200°C/20 min)
Solvent resistance	no color change (20 times 70% ethanol, MEK rub)

### Application process

On a continuous galvanizing line: galvanizing → cooling → pulling correction → drying → roll coating (XAF-201) → oven baking

### Instructions for use

- 1) XAF-201 is suited for roll coating applications. The working solution concentration is 100% (no dilution). The dry film thickness is between 1.0-1.5 µm. The film thickness can be monitored in-line by using NIR or XRF instruments.
- 2) Use XAF-201 original solution for bath replenishing
- 3) Before coiling, the suggested baking temperature is between 80 – 110 °C (PMT)

### Equipment

Materials for processing tank/tray, pump piping and nozzles should be selected from stainless steel such as SS 304, PVC or low-carbon steel lined with chemical-resistant polypropylene.

### Packaging

1000 liters IBC tote

### Storage

The shelf life of XAF-201 is 9 months. It should be stored at temperatures from 5-40°C. Protect against frost and strong sunlight

### Safety

Please follow the instructions on the SDS