

## Technical Leaflet

# Zinpol 146

Art.-No. 212054-01149

Revision: 08.08.2023

Acrylic solution.

### Technical Data:

Non-volatile content, 1h/125 °C, DIN EN ISO 3251	35% ± 1
Viscosity, Rheometer, 20 °C, C 60/2°, 5 s <sup>-1</sup>	1,000 - 3,500 mPa·s
pH-value, DIN ISO 976	7.0 - 7.5
Density, 20 °C, DIN EN ISO 2811-1	approx. 1.06 g/cm <sup>3</sup>
Tg (calculated) glass transition temperature	25 °C
MFFT, Minimum film forming temperature ISO 2115	< 0 °C
Freeze-thaw stability, ISO 1147	5 cycles
<b>Delivery form</b>	35% in water

### Specific Characteristics:

Excellent metallic ink brilliance.

Excellent metallic ink stability.

Very low metallic rub off on printed surface.

Excellent printability and press properties at very high press speeds.

Excellent compatibility with bronze and aluminium powders.

Low gassing.

### Application and Properties:

Zinpol 146 is a special development for metallic ink systems giving outstanding properties with bronze and aluminium powders.

The ink system allows latitude for various press speeds with excellent printability, metallic brilliance and ink stability.



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**Shelf Life:**

The storage stability of Zinpol 146 in the originally closed barrel is at a storage temperature from +5 to +25 °C six months, counted from the day of the delivery ex works.