



# zandleven coatings

## ACRYLEX® AE-50

acrylic

One component water borne, fast drying, acrylic emulsion finish paint for in- and outdoors, prepared steel, PVC, wood and stony substrates.

- Good weather resistance.
- Good hiding power, easy to apply.
- Particularly suitable when solvents are not permitted because of health and safety reasons.

### Product information

Finish	Semi gloss (appr.50 GU, depending on colour)
Colour	Ral colors
Mass density	approx. 1.25 kg/L (depending on colour)
Solids content by volume	approx. 40 volume % (depending on colour)
VOC (volatile organic compound)	<75 gr./L (approx. 52 gr/L )
Recommended film thickness	35- 45 µm d.f.t. per layer 88-100 µm w.f.t. per layer (undiluted)
Theoretical spreading rate	At 35 µm d.f.t. 11.4 m²/L
Practical spreading rate	Depending on several factors like shape of object, profile of surface, method of application, application circumstances and experience. A few guiding principles are: Brush/roller 85-90% of the theoretical spreading rate Spraying 50-70% of the theoretical spreading rate
Flashpoint ISO 1523	>61°C
Durability	At least 12 months, provided that it has been stored in closed original packing at a dry and cool spot. Store frost-free.

### Drying times

For d.f.t. up to 50 µm

Dust dry

Manageable

Recoatable:

Minimum interval

Maximum interval

Transportation and assembling

30°C	20°C	10°C
¼ hour	½ hour	2 hours
4 hours	6 hours	10 hours
4 hours	6 hours	10 hours
Unlimited, provided that the surface is dry and clean.		
Film thickness, ventilation, temperature and relative humidity are of great influence on the drying times.		
Easily damageable in case of thick layers.		



## Application instructions

### Application conditions

During application and hardening the temperature should be above 10°C to obtain optimal qualities.

The surface should remain free from water and ice and the temperature of the surface should at least be 3°C above dew point.

### Usage information

Type of thinner

Recommended thinner  
(depending on application  
and equipment)

Nozzle orifice

Nozzle pressure

Maximum attainable d.f.t.

Cleaning of tools

Air spray

Brush/roller

Tap water

Tap water

Max 5 vol%

Max 5 vol. %

1.5 mm

0.016 – 0.018 inch

2-3 bar

50 µm

50 µm

Tap water

### Surface conditions

Steel

New steel:

As primer a solvent borne or a water borne primer/coating can be used.

Wood:

As primer solvent borne or water borne primer can be used.

Clean and sand the surface.

### Safety description

See safety data sheet

### Pretreatment / Labeling / Technical Terms (downloadable from [www.zandleven.com](http://www.zandleven.com))

- A 1 Labeling of paint products in the European Community
- A 2 Physical data
- A 3 Persistency list for Monopox HB systems
- A 4 General guidelines for steel preservation
- A 5 General guidelines for the application of Acraton plastics
- A 6 Pretreatment of construction steel

These data have been drawn up to the best of our knowledge and were correct at the date of issue. However we cannot accept full responsibility, because de choice of products and circumstances during elaboration of the systems fall outside our judgement. This documentation sheet will not automatically be replaced in case of modification. The English language text is a translation. In case of doubt the Dutch language original text has to be consulted as the authoritative text.