



zandleven coatings

ZANDINOL[®] ALUMINIUM

alkyd

One component fast drying aluminium paint based on alkyd resin.

- A long resistance against weather conditions.
- Application on steel constructions pipelines, boilers, etc.
- Heat resistance 160 °C.

Product information

Finish	gloss
Colour	Aluminium RAL 9006
Mass density	approx. 1.0 kg/L
Solids content by volume	ca. 45 volume %
Recommended film thickness	25 - 35 µm d.f.t. per layer 60 µm w.f.t. per layer (undiluted)
Theoretical spreading rate	At 25 µm d.f.t. 18.0 m ² /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	Paint 39 °C Thinner AA 22 35 °C
Dry temperature resistance	160 °C
Durability	At least 12 months, provided that it has been stored in closed original packing at a dry and cool spot.

Drying times

For d.f.t. up to 25 µm

Dust dry

Manageable

Recoat able:

Minimum interval

Maximum interval

30 °C	20 °C	5-10 °C
1 hour	3 hours	2 hours
8 hours	16 hours	24 hours
8 hours	24 hours	36 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.		



Application instructions

Application conditions

The surface should stay dry and the temperature of the surface should at least be 3 °C above dew point.

During application and hardening in closed or small spaces, it is necessary to refresh the air continually to remove the solvent vapours, this because of drying, health and safety.

Usage information

	Airless-spray	Airspray	Brush/roller
Type of thinner	AA 22	AA 22	AA 22
Recommended thinner (depending on application and equipment)	0 – 5 vol. %	5 – 15 vol. %	0 – 5 vol. %
Nozzle orifice	0.38 – 0.43 mm 0.015 – 0.017 inch	2.5 – 2.5 mm	
Nozzle pressure	120 – 150 bar	2 – 3 bar	
Maximum attainable d.f.t.	35 µm	25 µm	25 µm
Cleaning of tools	Thinner AA 22		

Surface conditions

Steel

New steel:

As primer a Zandinol or a Zancor primer or directly on the blank steel.

Repair and maintenance:

Clean the surface with a suitable cleaning preparation or by steam cleaning.

Remove salts and other water-soluble impurity by spraying with clean tap-water under high pressure.

Remove rust a.o. by (water) blasting Sa 2½ or derust mechanical until St. 2-3.

Apply the advised paint system on a clean surface.

- Mechanical or hand derusting gives less quality than (water)blasting and will result in less protection of the applied paint system.

Safety description

See safety data sheet

Ventilation rules

Minimum required quantity of air to comply with:		
	MAC	10 % LEL
Zandinol aluminium	729 m³/L	94 m³/L
Thinner AA 22	1320 m³/L	205 m³/L
MAC = Maximum Acceptable Concentration		
LEL = Lower Explosion Limit		
Also consult the security information sheets		

Pretreatment / Labeling / Technical Terms (downloadable from 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 Pre treatment 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 the 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.