



zandleven coatings

ZANDEX[®] ALUMINIUM ZL 105/200 coumarone

A single component heat resistant paint, based on coumarone resin and aluminium pigmented.

- Thermally resistant up to 200 °C.
- Good resistance to oil.
- Esthetical parameters will slightly change after cyclic heating and cooling down.

Application on pipelines, boilers, ovens, heat exchangers etc.

Product information

Finish	Metal-gloss
Colour	Aluminium RAL 9006
Mass density	approx. 1.0 kg/L
Solids content by volume	ca. 40 volume %
Recommended film thickness	25 µm d.f.t. per layer 60 µm w.f.t. per layer (undiluted)
Theoretical spreading rate	At 25 µm d.f.t. 16.0 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 29°C Thinner BB 55 27°C
Dry temperature resistance	200°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

Recoatable:

Minimum interval

Maximum interval

Transport and assembly

30°C	20°C	5-10°C
½ hour	½ hour	1 hour
4 hours	6 hours	12 hours
4 hours	6 hours	12 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.		
Easy to damage with thick layers.		



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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

Type of thinner
Recommended thinner
(depending on application
and equipment)
Nozzle orifice

Nozzle pressure
Typical d.f.t.
Cleaning of tools

Airless-spray	Airspray	Brush/roller
BB 55	BB 55	BB 55
0 – 5 vol. %	5 – 15 vol. %	0 – 5 vol. %
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0.38 – 0.43 mm 0.015 – 0.017 inch	1.5 – 2.0 mm	
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120 – 150 bar	2 – 3 bar	
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35 µm	25 µm	25 µm
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Thinner BB 55		
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Surface conditions

Steel

Initial:

Zandex Aluminium ZL 105/200 can be applied on degreased cold rolled 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
Zandex Aluminium ZL 105/200	800 m³/L	70 m³/L
Thinner BB 55	3935 m³/L	165 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 4 General guidelines for steel preservation
- A 6 Pretreatment of construction steel
 - material safety data sheet
 - information hardeners and thinners
 - sales & delivery condition

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.