

zandleven coatings

MONOLAC® DL

alkyd

One component alkyd finish paint for in- and outdoors.

- Weather resistance, high gloss and long lasting gloss retention.
- Good hiding power, easy to apply.

Application as finish layer on a.o. finish wood and steel constructions in rural, light industrial and maritime environment.

Product information

Finish Highgloss (ca. 90 GU, depending on colour)

Colour RAL colours

Mass density approx. 1.2 kg/L (depending on colour)

Solids content by volume approx. 55 volume % (depending on colour)

VOC approx. 325 gr./L (volatile organic compound)

Recommended film thickness 40-60 µm d.f.t. per layer

70-110 µm w.f.t. per layer (undiluted)

Theoretical spreading rate At 40 µm d.f.t. 13.8 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 Paint 39°C

Thinner AA 22 40 ℃

Dry temperature resistance 95 ℃

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 60 μm

Dust dry Manageable Recoatable: Minimum interval

_	30℃	20°C	5-10°C	
	1 hour	2 hours	4 hours	
	10 hours	24 hours	36 hours	
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	10 hours	24 hours	36 hours	

Maximum interval Unlimited, provided that the surface is clean and dry

Film thickness, ventilation, temperature and relative humidity

are of great influence on the drying times.

Transportation and assembling Easily damageable in case of thick layers









Application instructions

Application conditions

During application and hardening the temperature should be above 5 ℃.

During application and hardening in closed or small spaces, it is necessary to refresh the air continually to remove the solvent vapours,

Usage information

Type of thinner

Recommended thinner (depending on application and equipment) Nozzle orifice

Nozzle pressure Maximum attainable d.f.t. Cleaning of tools

this because of drying	because of drying, health and safety.		
Airless-spray	Airspray	Brush/roller	
AA 22	AA 22	AA 22	
0 – 10 vol. %	5 – 10 vol. %	0 – 5 vol. %	
0.28 – 0.33 mm 0.011 – 0.013 inch	1.5 mm		
120 – 140 bar	2 – 3 bar		
60 μm	50 μm	60 μm	
Thinner AA 22	<u> </u>	_	

Surface conditions

Steel

New steel:

As primer a Zandinol, Zancor or Monopox primer can be used.

Repair and maintenance:

Clean the surface thoroughly 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.

Product Characteristics

No coating work shall be carried out when the temperature of the surface is less than 3 ℃ above dew point.

Condensation occurring during or immediately after application may result in a matt and an inferior film.

Colours/Colour stability:

Certain lead-free red and yellow colours may discolour when exposed to chlorine-containing atmosphere. To obtain full opacity, an extra coat may be necessary, especially for certain lead-free colours in red, orange, yellow and green.

Higher film thickness, insufficient ventilation or cooler temperatures will require longer cure times and could result in solvent entrapment and premature failure.

A completely clean surface is mandatory to ensure intercoat adhesion, especially at long recoating intervals. Any dirt, oil, and grease has to be removed, e.g. with suitable detergent. Salt to be removed by fresh water hosing



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Safety description See safety data sheet

Ventilation rules

Minimum required quantity of air to comply with:							
	MAC	10 % LEL					
Monolac DL	695 m³/L	96 m³/L					
Thinner AA 22	1320 m³/L	205 m ³ /L					

MAC = Maximum Acceptable Concentration

LEL = Lower Explosion Limit

Also consult the security information sheets

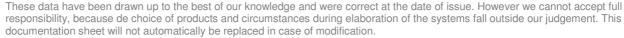
Pretreatment / Labeling / Technical Terms (downloadable from www.zandleven.com)

- 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 steelpreservation
- A 5 General guidelines for the application of Acraton plastics
- A 6 Pretreatment of construction steel









The English language text is a translation. In case of doubt the Dutch language original text has to be consulted as the authoritative text.