



# zandleven coatings

## MONOGROND® DL

alkyd

One component alkyd primer for in- and outdoors.

- Quick drying and curing.
- Good hiding power, easy to apply and excellent weather resistance.

**Application** as primer on steel constructions, wood and other materials which have been pre-treated correctly.

### Product information

Finish	Half-mat
Colour	Limited number of colours
Mass density	approx. 1.35 kg/L (mixed product)
Solids content by volume	approx. 53 volume % (mixed product)
Recommended film thickness	40-60 µm d.f.t. per layer 75-115 µm w.f.t. per layer (undiluted)
Theoretical spreading rate	At 40 µm d.f.t. 13.3 m <sup>2</sup> /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°C
Dry temperature resistance	95°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 60 µm

Dust dry

Manageable

Recoatable:

Minimum interval

Maximum interval

Transportation and assembling

30°C	20°C	5-10°C
1½ hour	1 hour	2 hours
6 hours	12 hours	24 hours
6 hours	12 hours	24 hours
Unlimited, provided that the surface is clean and dry.		
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 5 °C.

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  
Maximum attainable d.f.t.  
Cleaning of tools

Airless-spray	Airspray	Brush/roller
AA 22	AA 22	AA 22
0 – 10 vol. %	5 – 15 vol. %	0 – 5 vol. %
0.33 – 0.38 mm 0.013 – 0.015 inch	1.5 – 2.0 mm	
120 – 140 bar	2 – 3 bar	
60 µm	60 µm	60 µm
Thinner AA 22		

## Surface conditions

Steel

New steel:  
As primer a Zandinol or a Zancor 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.

## Safety description

See safety data sheet

## Ventilation rules

Minimum required quantity of air to comply with:		
	MAC	10 % LEL
Monogron DL	860 m³/L	97 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](http://www.zandleven.com))

- A 1 Labeling of paint products in the European Community
- A 2 Physical data
- A 3 Persistencylist 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

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.