



zandleven coatings

ZANCOR® EXPRESS PRIMER

alkyd

One component, fast drying alkyd based anti-rust paint with anti-corrosive pigments.

- Suitable for wet-in-wet application. Good hardening at low temperatures.

Application as anti-rust primer to use at a.o. (construction) workshop, containers, agriculture machines.

Product information

Finish	gloss (ca. 55 GU)
Colour	Limited
Mass density	approx. 1.25 kg/L
Solids content by volume	approx. 47 volume %
VOC	approx. 450 gr./L (volatile organic compound)
Recommended film thickness	35- 70 µm d.f.t. per layer 70-140 µm w.f.t. per layer (undiluted)
Theoretical spreading rate	At 70 µm d.f.t. 7.1 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 <23 °C Thinner FGM 631 26 °C Thinner WTD 107 14 °C
Dry temperature resistance	120 °C
Durability	At least 12 months, provided that it has been stored in closed original packing at a dry and cool spot.

Drying times

	30 °C	20 °C	5-10 °C
For d.f.t. up to 50 µm	5 minutes	5-10 minutes	15 minutes
Dust dry	3 hours	4 hours	8 hours
Manageable			
Recoatable:			
Minimum interval	20 minuten	30 minuten	1 hour
Maximum interval	Unlimited, provided that the surface is dry and clean. Film thickness, ventilation, temperature and relative humidity are of great influence on the drying times.		
Recoatable with a two components paint system	After 1 hour, depending on the temperature and layer thickness.		

Application instructions

Application conditions

The surface should stay dry and the temperature of the surface should be at least 2 °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
Maximum attainable d.f.t.
Cleaning of tools

Airless-spray	Airspray
FGM 631 / WTD 107	FGM 631 / WTD 107
5 – 15 vol. %	5 – 20 vol. %
0.41 – 0.46 mm 0.016 – 0.018 inch	1.5 – 2.5 mm
150 – 180 bar	3 – 5 bar
60 µm	50 µm
Thinner FGM 631 / WTD 107	

Surface conditions

Steel

New steel:

Blasting according to the ISO norm 8501-1:1988 Sa 2½.

Roughness profile Ra 10-12 µm Rz 50-60 µm.

Surface must be clean and dry.

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
Zancor Express Primer	1450 m³/L	90 m³/L
Thinner FGM 631	3995 m³/L	160 m³/L
Thinner WTD 107	4085 m³/L	168 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 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 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.

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