



zandleven coatings

ACRYLEX® WV SHOPPRIMER

pu-alkyd

One component waterborne, fast drying welding and transport primer, free from lead and chrome, based on polyurethane-alkyd emulsion.

- Manageable within 10 minutes at a surface temperature of 30 °C and a film thickness of 25 micrometer.
- Excellent welding properties, does not develop any harmful vapours.
- Term of protection about 4 months at a film thickness of 25 micrometer, depending on the roughness of the surface and atmospheric circumstances.
- After drying recoatable with practically any paint system.

Product information

Finish	Matt
Colour	Redbrown
Mass density	approx. 1.35 kg/L
Solid content	approx. 40% by volume
VOC	< 75 gr / ltr. (volatile organic compound)
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 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 > 25 °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. Store frost-free

Drying times

For d.f.t. up to 25 µm
Dust dry
Transportable

30 °C	20 °C	10 °C
8 minutes	15 minutes	25 minutes
12 minutes	25 minutes	40 minutes

Recoatable:
Minimum interval

2 hours	4 hours	6 hours
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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 two components
Paint systems

After 1 to 4 weeks, depending on the temperature and layer thickness.



Application instructions

Application conditions Don't apply at a temperature lower than 10 – 15 °C
The surface should remain free from water and ice and the surface temperature should be at least be 3 °C over dew point.

Usage information

	Airless-spray	Airspray
Type of thinner	tap water	tap water
Recommended thinner (depending on application and equipment)	5-25 vol%	10-25 vol%
Nozzle orifice	0.33-0.41 mm 0.013-0.016 inch	1.5-2.5 mm
Nozzle pressure	120 – 150 bar	2 – 3 bar
Max. attainable d.f.t.	25-35 µm	25 µm
Cleaning of tools	tap water	

Surface conditions

Steel New steel:
Blasting Sa½ according the ISO norm 8501-1: 1988
Roughness profile Ra 10 –12 µm, Rz 50-60 µm
Surface must be clean and dry.

Product Characteristics

No coating work shall be carried out when the temperature of the surface is less than 3 °C above dewpoint and when the substrate temperature is below 10 °C.

Applying this product in confined spaces, adequate ventilation has to be ensured.

Safety description

See safety data sheet

Ventilation rules

Minimum required quantity of air to comply with:

	MAC	10% LEL
Acrylex WV shopprimer	200 m3/L	10 m3/L

MAC = Maximum Acceptable Concentration
LEL = Lower Explosion Limit
Also consult the safety data 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 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.