ACRYLEX® AE-80

acrylic

One component water borne, fast drying, acrylic emulsion finish paint for in- and outdoors.

- Excellent block and weather resistance.
- Good hiding power, easy to apply.
- Particularly suitable when solvents are not permitted because of health and safety reasons.

Product information

Finish	Gloss (80 GU, depending on colour)
Colour	Ral colours
Mass density	approx. 1.25 kg/L (depending on colour)
Solids content by volume	approx. 40 volume % (depending on colour)
VOC (volatile organic compound)	<75 gr./L (approx. 52 gr/L)
Recommended film thickness	35- 45 µm d.f.t. per layer 88-100 µm w.f.t. per layer (undiluted)
Theoretical spreading rate	At 35 µm d.f.t. 11.4 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	>61°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 50 µm	30°C	20°C	10°C
Dust dry	¼ hour	½ hour	2 hours
Manageable	4 hours	6 hours	10 hours
Recoatable:			
Minimum interval	4 hours	6 hours	10 hours
Maximum interval	Unlimited, provided that the surface is dry and clean.		
	Film thickness, ventilation, temperature an 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 10°C to obtain optimal qualities.

The surface should remain free from water and ice and the temperature of the surface should at least be 3°C above dew point.

Usage information

	Air spray	Brush/roller
Type of thinner	Tap water	Tap water
Recommended thinner (depending on application and equipment)	Max 5 vol%	Max 5 vol. %
Nozzle orifice	1.5 mm 0.016 – 0.018 inch	
Nozzle pressure	2-3 bar	
Maximum attainable d.f.t.	50 µm	50 µm
Cleaning of tools	Tap water	

Surface conditions

Steel

New steel:
As primer a solvent borne or a water borne primer/coating can be used.

Wood:
As primer solvent borne or water borne primer can be used.
Clean and rub the surface.

Safety description

See safety data sheet

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