ACRYLEX® WV-ZF Primer

acrylic

One component water borne, fast drying, acrylic dispersion, primer applicable on well pretreated steel substrates.

- Applicable for interior and exterior conditions, new buildings and maintenance
- Good hiding power, easy to apply.
- Particularly suitable when solvents are not permitted because of health and safety reasons.
- In combination with Acrylex AE 50 and Acrylex AE 80, applicable up to level C3 in accordance with ISO 12944:2018

Product information

Finish	matt (10 GU)
Colour	beige and grey
Mass density	approx. 1.38 kg/L
Solids content by volume	approx. 52 volume %
VOC (volatile organic compound)	<75 gr./L (approx. 40 gr/L)
Recommended film thickness	60- 80 µm d.f.t. per layer 110-150 µm w.f.t. per layer (undiluted) DFT > 120 micron have to be avoided
Theoretical spreading rate	At 60 µm d.f.t. 9.0 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 60-70% 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, temperature 5 – 30°C (transportation included)

Drying times

For d.f.t. up to 60 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	1½ hours	2 hours	5 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.		

Application instructions

Application conditions

During application and hardening the temperature should be above 10°C and RV up to 60% to obtain sufficient drying properties.

Usage information

	Air spray	Brush/roller	Airless
Type of thinner	Tap water	Tap water	Tap water
Recommended thinner (depending on application and equipment)	Max 5 vol%	Max 5 vol. %	Max 5 vol %
Nozzle orifice	1.5 mm		0.013 – 0.017 inch
Nozzle pressure	2-3 bar		100 – 130 bar
Maximum attainable d.f.t.	50 µm	50 µm	100 µm
Cleaning of tools	Tap water		

Surface conditions

Steel

New steel:
Blasting Sa½ according the ISO norm 8501-1:2007
Roughness profile Ra 5 –10 µm, Rz 25 - 50 µm
Surface must be clean and dry.

Repair and maintenance:
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 mechanically 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

Additional and applicable information (www.zandleven.com)

- General guidelines
- Material Safety Data Sheet
- information curing agents en thinners
- Color surcharge
- General terms and conditions of delivery