

Waterborne Acrylic

Hints and tips:

- Recommend longer cure time to enable promotion of lone pair bonding DTM improving adhesion – minimum 4 hours for topcoat application – 7 days for service.
- AX1 EF is acidic so we recommend balancing pH levels to approximately 8.
- The use of a non-ionic surfactant helps stabilise AX1 EF within your system such as Triton X-100/1000 or alternative.
- AX1 EF works anodically and cathodically to prevent coating disbondment and to provide metallic protection. When used in synergy with a phosphate-based inhibitor, AX1 EF reacts quick to prevent the initiation of corrosion. Over time the phosphate technology has time to respond and leeches out to enhance the protective layer.

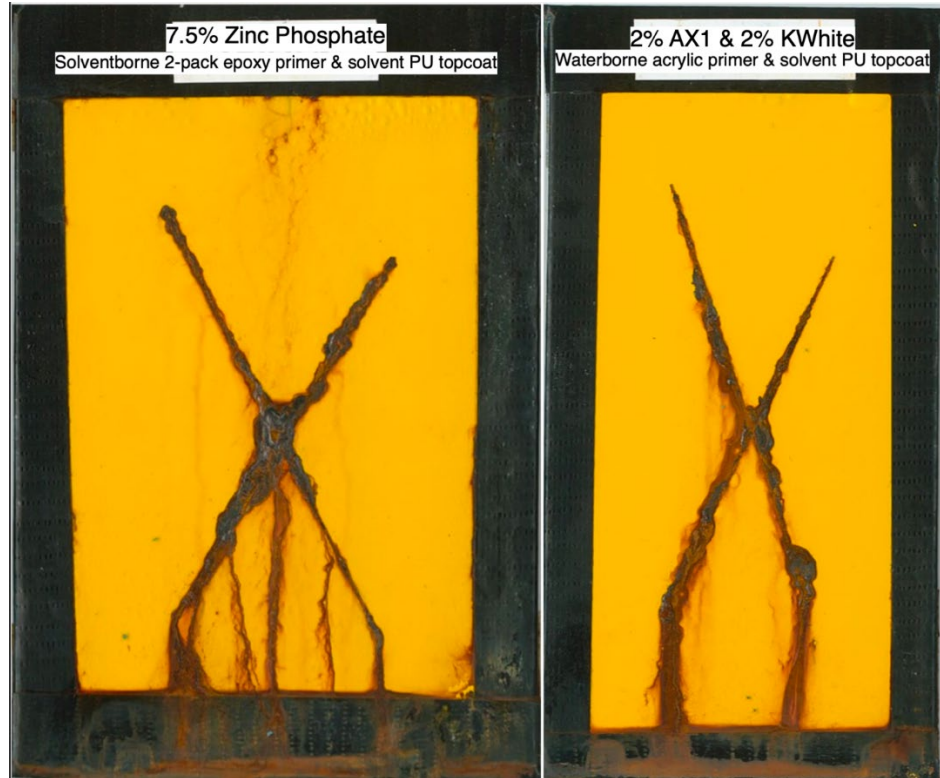
If you have any questions, please contact our technical team at technical@hexigone.com

Co-blend formulation:

Additive Function	Chemicals	Mass
	Deionised Water	10.0
Dispersant	Emulsogen LNC287	1.4
PH adjust	AMP – 95 (pH-95 ST)	0.2
Defoamer	Suppressor 2222	0.1
Corrosion inhibitor	Intelli-ion AX1	2.0
Pigment	Black Oxide 910M	0.7
Pigment	Tioxide TR-92	7.0
Filler	Finntalc M30	2.0
Filler	Calcitec VS40	9.0
Inhibitor	K White ZF-150W	2.0
<i>High speed disperse 10 mins</i>		
	Water deionised	4.1
Binder	Xynpol PA5600L	60
Coalescent	Xyntrol DBE	0.2
Thickener	Tafigel PUR 64	0.2
Thickener	Borchigel 0434	0.5
Wetting aid	Byk 349	0.1
Flash Rust	Ascotran H-10	0.3

Coalescent	Dowanol DPM	0.2
		100.0

Figure 1.1000 hours Salt Spray



Co-blend formulation:

Please contact the team for formulation advice on this AX1 incorporation approach

FORMULATION ADVICE

INTELLI-ION®

