

DISPARLON AQ-7180

(Leveling/Anti-cratering agent for water-borne system)

DISPARLON AQ-7180 is designed as leveling & anti-cratering agent based on acrylic silicone polymer and easily dispersed into waterborne systems uniformly.

DISPARLON AQ-7180 improves wettability on substrates remarkably and shows excellent leveling property in film forming process. Unlike general silicone based products, they have excellent recoatability and storage stability. Besides from their nature characteristics, they can improve the flip-flop of metallic pigments, defoaming and anti-floating/flooding properties.

ADVANTAGES

- Excellent wetting & leveling
- Good compatibility with waterborne baking systems
- Excellent recoatability and storage stability
- Eliminate cratering

TYPICAL PROPERTIES

Appearance	Colorless to pale red liquid
Component	Acrylic-Silicone copolymer / 2-Ethylhexyl alcohol
Non-volatile	30 %
Density *	0.89 g/cm ³
Ionic	Nonionic

* At 20 degree C.

INCORPORATION

Additive levels : 0.5 ~ 1.5 % by weight to total formulation.*

*The optimal level, however, should be determined by your laboratory tests.

Method : While this additive can be added at a production stage whichever is convenient, post-addition at a final production stage with stirring by dissolver is recommended.



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