DISPARLON® LCA-21

Layer Migration Control Agent

TECHNICAL DATA SHEET
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DISPARLON® LCA-21 is an additive designed to prevent intercoat migration between different coating layers. DISPARLON® LCA-21 is intended for use in water-borne primers and basecoats and prevents soak-in from water-borne or solvent-borne topcoats, even when applied in a wet-on-wet process. DISPARLON® LCA-21 is effective in a variety of coating systems, including both air-drying and baking coatings.

TYPICAL PROPERTIES

The following figures are typical properties, not to be used for specification.

Appearance	Clear to light yellow liquid
Active component	Acrylic polymer
Non-volatile matter	50 %
Density (20 °C)	0.970 g/cm^3
Viscosity (20 °C)	40.0 mPa·s
Solvent	Propylene glycol mono butyl ether

ADVANTAGES

- Reduces primer and basecoat setting time.
- Improves film appearance by preventing intercoat migration.

APPLICATION

DISPARLON® LCA-21 is suitable for a wide range of water-borne coating systems, including architectural, general industrial, automotive, and automotive refinish coatings.

INCORPORATION

Addition levels

1–5 wt% on total formulation.
The optimal additive level should be determined under actual use conditions.

Method

Can be added at any stage of the paint manufacturing process of water-borne primers and basecoats.
Post-addition at the final production stage with a dissolver is recommended.

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