

KAM-DCA 54

Electro-neutral dispersion control additive for solvent-based systems with medium to low polarity.
Particularly suited for thick layer systems and primers. Anti-sagging properties.

Technical Specifications

Composition	: High molecular weight carboxylic acid salts
Solvent(s)	: Alkylbenzene
Specific gravity @ 20°C	: ca. 0.89 g/cm ³
Acid value	: 50-56 mg KOH/g
Amine value	: 48-54 mg KOH/g
Appearance	: Transparent, slightly brownish liquid
Active matter	: 52%

Applications

KAM-DCA 54 is a dispersion control additive for enhancing the dispersion of pigments and reducing the interfacial tension between pigments/extenders and the vehicle leading to:

- Shorter dispersion time
- Improved storage stability
- Reduced tendency to sag (Application on vertical surfaces)
- Reduced flooding/floating and sedimentation

KAM-DCA 54 is especially suitable for air-drying alkyds, chlorinated polymers, epoxies and stoving paints.

KAM-DCA 54 is ideal for dispersing organophilic Bentonites, because it reduces dispersion time, improves the storage properties of the final paste and gives a thixotropic, easily processed paste product.

When **KAM-DCA 54** is used in anti-corrosion primers, in many cases the protective properties are enhanced.

KAM-DCA 54 is not suited for Nitrocellulose varnishes (risk of discoloration).

KAM-DCA 54 should be incorporated in the mill base before adding the pigments.

Amount of additive based upon pigment can be determined as follows:

Titanium dioxide	: 0.5-1.0% (as supplied)
Inorganic pigments	: 1.0-2.0% (as supplied)
Bentonites	: 30.0-50.0% (as supplied)

Storage, Safety and Packaging

To be stored in a cool dry place and handled in accordance with good industrial practice.

When kept in an original unopened container, it will keep up to min. 4 years from the date of manufacture.