

Dispersing agent for water-based systems
Ionic Homopolymer dispersant

Typical Characteristics

| | |
|---------------------|-----------------------------------|
| Nature | Polyacrylate Ammonium Salt |
| Appearance | Yellow aqueous solution |
| Solid Content (%) | 40 |
| Active Content (%) | 40 |
| pH | 7 |
| Specific gravity | 1.16 |
| Neutralization type | Ammonium |
| Solvent | Water |

Description

Ecodis™ 80 is an ammonium neutralized polyacrylate dispersing agent for water-based systems. It ensures the complete dispersion of extenders and inorganic pigments at high solids contents in systems showing medium to high PVC (Pigment Volume Concentration). Very versatile and suitable for titanium dioxide, Kaolin and calcium carbonates. Besides dispersion paints, the main applications for Ecodis™ 80 are in adhesives and wall paper pastes.

Recommended addition level

The required amount varies from 0.1% to 0.5% of active ingredients based on the total weight of paint formulations. It is recommended to disperse the pigments and fillers in a pH range between 7.0 and 9.5.

Standard Packaging

Other packaging may be available upon request

- 1000L IBC
- 220L Drum
- Bulk

Handling & Storage

It should be protected from the effects of weathering and stored between 5 and 40°C. Once opened, packaging should be resealed immediately after use.

A small decrease in pH may be observed: it can be corrected by adding small quantities of ammonium hydroxide.

In these conditions, this product should be used within 12 months from delivery.

Processing instructions

Ecodis™ 80 must be present during pigment and extender dispersion and should, therefore, be added before these products are blended in.

Health and environmental data

For safe handling please refer to the Safety Data Sheet. For more information about health and environmental data, please contact us.

Adhesives & Sealants

- Sealants

Coatings & Inks

- Architectural Coating
- Graphic Arts
- Textile & Leather Coating
- Traffic Paint

Key Benefits

Formulation

- Cost in use
- Easy handling
- Ready to use

Storage

- Antisettling
- Viscosity stability
- Floating resistance

Film Properties

- Hiding power/Opacity
- Chemical resistance
- Stain resistance

APEO free: Yes

Bacteria resistance: Yes

Heavy metal free: Yes

Solvent-free: Yes

PVC

| | |
|----------|--------|
| PVC Low | ●●●○○ |
| PVC Mid | ●●●●○○ |
| PVC High | ●●●●● |

Suitable for

| | |
|--------------------|-------|
| Fillers | ●●●●● |
| Organic pigments | ●●○○○ |
| Inorganic pigments | ●●●●○ |