ECODIS™ P 90-30

Dispersing agent for water-based systems

Ionic Homopolymer dispersant

TYPICAL CHARACTERISTICS

Nature	**Polyacrylate Ammonium Salt**
Appearance	**Blue-green aqueous solution**
Solid Content (%)	**30**
Active Content (%)	**30**
pH	**7**
Specific gravity	**1.12**
Neutralization type	**Ammonium**
Solvent	**Water**

DESCRIPTION

Dispersion paints are usually formulated with extenders. The dispersion of these extenders in
water based systems must be achieved easily with common stirrers, without forming agglomerates or causing a viscosity build up. The usual inorganic dispersants do not solve this problem satisfactorily. Ecodis™ P 90-30 has been especially developed to overcome these problems. It ensures the complete dispersion of the extenders and the inorganic pigments at high solids contents and in systems with high P.V.C. Besides dispersion paints, the main applications for Ecodis™ P 90-30 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 the pigments and fillers. It is recommended to disperse the pigments and fillers in a pH range of 7.5 to 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™ P 90-30 must be present during pigment and extender dispersion and should, therefore, be added before these products are blended in. The addition level is determined by plotting the graph of the viscosity of the dispersion in water, versus the amount of dispersant
added. The level of dispersant corresponding to the minimum viscosity is selected as the
addition level.

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.

MARKET

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

Adhesives & Sealants
- Assembly
- Sealants

KEY BENEFITS

FORMULATION
- **Cost in use**
- **Compatibility**
- **Easy handling**

STORAGE
- **Antisettling**
- **Viscosity stability**
- **Floating resistance**
- **Syneresis 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 High
PVC Mid
PVC Low

SUITABLE FOR

Fillers
Inorganic pigments