



ECODIS™ P 50

Dispersing agent for
water-based systems

• TYPICAL ANALYSIS

Nature: Polyacrylate sodium salt

Appearance (20°C): Blue-green aqueous solution

Solids content (%): 40

pH (20°C): 8

Specific gravity (20°C): 1.29

Compatibility: Compatible with most extenders, mineral pigments and polymer dispersions

• ADVANTAGES

- Liquid product ready to use.
- Easy to handle.
- Low level of addition.
- High efficiency for dispersion of mineral pigments and consequently low grinding time at production.
- Very high stability of the manufactured products; in particular, good viscosity stability.
- No foaming.

• APPLICATIONS

ECODIS™ P 50 should be preferably added to water before the pigment incorporation.

The optimum level is determined for each pigment blend by plotting the graph of the viscosities of the

pigment dispersion in water, versus the amount of dispersant.

The level of dispersant corresponding to the minimum viscosity is chosen.

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

• STORAGE

ECODIS™ P 50 should be protected from the effects of weathering and stored between 5 and 40°C.

Once opened, packaging should be resealed immediately after use.

In these conditions, products should be used within 12 months after delivery.

• STANDARD PACKAGING

- 220 litres plastic drums
- 1 000 litres containers
- Bulk

• HEALTH & ENVIRONMENTAL DATA

Please refer to the Material Safety Data Sheet.

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