



COADIS™ BR 3

Dispersing agent for
gloss emulsion paints

Gloss emulsion paints must have the following properties:

- The highest initial gloss,
- Excellent gloss retention,
- Good flow and levelling,
- Viscosity stability.

The usual inorganic or organic dispersant do not allow to improve all these properties at the same time, either because they have a tendency to decrease the gloss level or because the levelling of the film is not sufficient.

• TYPICAL ANALYSIS

Nature : Polyacrylate salt

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

Solids content (%): 40

pH (20°C): 8

Specific gravity (20°C): 1.22

Brookfield viscosity (100 rpm): About 350 mPa.s

Compatibility: Compatible with most extenders, mineral pigments and polymer emulsions, soluble in most glycols.

• APPLICATIONS

COADIS™ BR 3 is to be used when the pigments are dispersed and should be added into water containing the glycols, or into the pure glycols before the pigments is added.

To obtain a good deflocculation of the pigments and the best gloss level, the amount of COADIS™ BR 3 in the formulation should be around 0.15 to 0.20% active ingredients based on the total weight of pigment.

COADIS™ BR 3 is particularly suitable for water or glycol based titanium dioxide and iron oxides dispersions.

Unlike usual dispersing agents, a slight overdose of COADIS™ BR 3 does not affect the paint properties.

In the formulation of gloss emulsion paints it is particularly important to use a thickening and levelling agent (e.g. BR 100 P, RHEOTECH™ 2000) to get good rheological characteristics: good flow and levelling with no decreasing of gloss during the drying.

• STORAGE

COADIS™ BR 3 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 l plastic drums,
- 1 000 l containers.

• HEALTH & ENVIRONMENTAL DATA

Please refer to the Material Safety Data Sheet.

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