



# Chemipol

## CHEMICRYL® 500 C

Dispersing agent for aqueous systems

### Characteristics

**CHEMICRYL 500 C** is a polyelectrolyte derived from an acrylic terpolymer. Its medium to high molecular weight offers an excellent performance when dispersing inorganic fillers and powder pigments. Its activity is independent of the pH of the system. **CHEMICRYL 500 C** does not modify the abrasion resistance of the coatings.

### Applications and doses

**CHEMICRYL 500 C** is an excellent dispersing agent of fillers and pigments in aqueous emulsion coatings. The recommended doses for aqueous emulsion coatings of **CHEMICRYL 500 C** is between 0,2 and 0,4 %.

### Technical data

Appearance	Clear colourless liquid
Odour	Characteristic
Specific weight	1.30 ± 0.05
pH (5%)	6.5 – 8.5
Solubility	Totally soluble in water

### Use guidelines

**CHEMICRYL 500 C** is compatible with the most usual components of aqueous emulsion coatings for construction. It is recommended to add the product at the beginning of the production process. Its liquid form and its compatibility allow an easy incorporation into the coating.

### Effectiveness

**CHEMICRYL 500 C** has a wide margin of dose where the known viscosity inversion does not happen. The use of **CHEMICRYL 500 C** offers interesting advantage:

- Lowers the viscosity of the pigment mass
- Facilitates the incorporation of the solids
- Reduce the possibility of flocculation or settling
- Improves the stability and the texture
- Improves the quality of the colours

### General information on storage, safety and transport

**CHEMICRYL 500 C** is not classified as dangerous product for transport. For further information refer to the material safety data sheet.

Protect from frost, heat and direct sunlight. Store at room temperature in the original container. If well stored, its shelf life is 1 year. Available packaging is 60 and 1000 KG.

---

*Our recommendations regarding our products are based on in-depth tests developed by our Technical Department. They are given in good faith, but no liability can be derived from them.*

---

