

## POLINORD G - 387

### TECHNICAL DATA SHEET

**DESCRIPTION:** POLINORD G-387 is a low VOC aqueous emulsion copolymer of vinyl acetates, acrylic ester and versatic ester. It is stabilized with cellulose derivative and is fine dispersed and medium viscous. Formed film is transparent and smooth with good elongation.

PROPERTIES	VALUE
Dry matter content (DIN 53189)/ %	48 ± 1
pH value	3,5 – 5,0
Viscosity according to Brookfield (ISO 2555) spindle 6, 50 rpm, 23 °C/ mPas	2000 – 5000
Particle diameter/ nm	100 – 1500
Minimum film forming temperature (MFFT) (DIN 53787)/ °C	approx. 6
Sensitivity at low temperatures/ °C	< 0
Film appearance	transparent, glossy, tough, non-sticky

**APPLICATION:** Because of its moderate resistance to alkali and medium water absorption. POLINORD G-387 is suitable for emulsion paints and coatings and mortars for interior walls.

**TREATMENT:** Production of emulsion paints is usually accomplished in suitable agitators with a great number of revolutions, e.g., in a dissolver.  
Suitable additives in processing POLINORD G-387 are:

- Fillers: micronized calcite, dolomite, talc, kaolin, quartz
- Wetting agents: sodium polyphosphate, salt of polyacrylic acid
- Pigments: titan dioxide, iron pigments, organic pigments
- Thickeners: cellulose ethers and salts of polyacrylic copolymers
- Plasticizer: butyldiglycolacetate
- Defoamers: silicone, ester
- Preservatives: methylisotiazoline based

**STORAGE:** It is advisable that, prior to processing, it is stored at temperatures as even as possible, ranging from 5 to 30°C, for a period not longer than six months. The emulsion should be stored in an area protected from freezing and direct heat.

**SHELF LIFE:** 6 months in the advised conditions

**PACKAGING:** PE 125 kg drums, PE 1000 kg containers or in 20000 kg road tankers.

**REMARK:** The information in this material is based on our previous knowledge and experience and gives general instructions about our product and its application. Each user of our product must responsibly examine its usability for its specific purpose.