

NECOLIN F 2080

Copolymer resin based on fish oil and unsaturated hydrocarbon

Product properties

NECOLIN F 2080 is a copolymer resin based on fish oil and unsaturated hydrocarbon. The resin is hydrophob and offers good water and alkali resistance. It is an irreversible wetting agent and improves the adhesion to metal, especially to slightly rusted surfaces.

In general NECOLIN F 2080 is used as an additive in paint and coating formulations. It can be used as an adhesion promotor in anticorrosive coatings. In wood impregnations and wood varnishes the copolymer improves penetration. In high built varnishes it reduces the blistering tendency.

As siccativ a combination of 0.4 % cobalt, 0.2 % zirconium and 0,03 % Calcium is recommended (metal based on solid resin).

Application

- Anticorrosive primers (10 – 20 % based on total binder content)
- High built varnishes (min. 50 % based in total binder content)
- Wood impregnation coatings.

Analytical data

- Solid content: 79 – 81 %
- Oil length: approx. 80 %
- Type of oil: fish oil
- Viscosity: 1.4 – 2.1 Pa.s, 25 °C
- Gardner Color: max. 12
- Acid value: max. 4 m KOH / g resin
- Solvent: white spirit, (aromatic content < 97)
- Spec. gravity (solids): 980 g / cm³

Packaging and storage

- Packaging: 180 kg drums | 900 kg IBC
- Transportation and storage: Protect from freezing
- Minimum shelf life: 12 months in closed original packaging
- Detailed health and safety information please find in the corresponding safety data sheet.