SETAQUA® B B 130

Technical Datasheet

TYPE

Non-saponifiable polymer dispersion which dries by oxidation

USES

As a binder for aqueous air- and force-drying coatings, especially primers, one-coat matt finishes and adhesion primers (also suitable for non-ferrous metals)

FORM SUPPLIED

Approx. 30 % in water, neutralized with approx. 0.5 % ammonia and 0.3 % triethylamine, contains no organic co-solvents

SPECIFICATION

Non-volatile content (1 g, 1 h, 125 °C): DIN EN ISO 3251	30 ± 2 %
Viscosity (23 °C, D = approx. 40 s^{-1}): DIN EN ISO 3219/A.3	2300 ± 700 mPa·s
Acid value, supply form: DIN EN ISO 2114	22.5 ± 3 mg KOH/g
pH (10% solution with in water): DIN ISO 976	8.8 ± 0.3

OTHER DATA *

Appearance:	turbid, brownish
Mean particle size:	< 200
Density (20 °C): DIN EN ISO 2811-2	approx. 1.0 g/cm³

* These values provide general information and are not part of the product specification.

PROPERTIES / APPLICATIONS

SETAQUA B B 130 has been developed for the formulation of fast-drying industrial anti-corrosion primers and one-coat finishes.

The films are characterized by good anti-corrosion properties, water resistance and adhesion on non-ferrous metals and various plastic surfaces. However, they are not weather stable or resistant to yellowing. We recommend the use of water-emulsifiable driers.

The drier must be added before the pigment. It is stirred into the binder in a dissolver. SETAQUA B B 130 has good shear stability, therefore pigments can be ground directly into the binder. The grinding temperature should not exceed 40 °C. The coatings can be applied using conventional spraying techniques and by dipping and flow coating.

SOLUBILITY / THINNABILITY

With water.

COMPATIBILITY

The product can be combined with other aqueous binders. However, compatibility should always be tested.

STORAGE

When stored in originally sealed containers at temperatures not exceeding 30°C, the product will remain stable for at least 365 days.

General information
The product is sensitive to frost. Freezing will damage the product irreversibly. Prolonged storage and storage at higher temperatures may result in a decrease of viscosity and/or an increase of average particle size, possibly resulting in sedimentation or coagulation. Contamination with certain bacteria, fungi or algae may render the product unusable.

LABELING AND REACH APPLICATIONS

This product data sheet is only valid in conjunction with the latest edition of the corresponding Safety Data Sheet. Any updating of safety-relevant information – in accordance with statutory requirements – will only be reflected in the Safety Data Sheet, copies of which will be revised and distributed. Information relating to the current classification and labeling, applications and processing methods and further data relevant to safety can be found in the currently valid Safety Data Sheet.