

SETAQUA® PU F106 is an aliphatic polyurethane dispersion.

SOLVENT

Water

TYPICAL PROPERTIES

Appearance: Translucent liquid

STM 017A

Non-Volatiles: 35 %

ISO 3251, STM 001G

Viscosity (23 °C): <2000 mPa·s

DIN EN ISO 3219/A.3

pH: 8.5

STM 007A

Density (20 °C): 1.04 kg/dm³

DIN 53217

Neutralizing Agent: Triethylamine

KEY BENEFIT

- NMP Free
- Surfactant Free (APEO free)
- Various substrates adhesion
- Ambient temperature cross link capability
- Low Odour & VOC
- Fast Drying
- Oil Modified

TECHNICAL FEATURES

SETAQUA® PU F106 is a waterborne, dual self-crosslinking; oil modified aliphatic polyurethane dispersion especially suited to formulate low VOC warm toned varnishes with an excellent balance of overall properties. Optimally formulated and with inclusion of metal driers, SETAQUA® PU F106 has been developed to achieve outstanding abrasion resistance for use in single pack varnishes. SETAQUA® PU F106 can be blended with acrylics when considered for cost performance balance and is recommended for both DIY and Contractor applied finishes as well as Industrial wood finishes.

APPLICATION

Optimally formulated DIY and contractor applied varnishes based on SETAQUA® PU F106 dry and cure rapidly after application, so resulting in a short re-coat time allowing the application of multiple coats in a day. The cured varnish forms a tough, clear warm toned and durable film with excellent clarity offering superb resistance to water, dilute alkali's and acids, alcohol, most household cleaners and other organic solvents along with excellent BHMR. It is recommended for use on timber floors and wood furniture finishes and paneling.

- Clear Varnishes for Wood Flooring (Residential, Commercial and Sports Floors)
- Furniture Coatings, clear and pigmented
- Industrial Wood Coatings, clear and pigmented
- Metal Coatings
- Masonry Coating

STORAGE

SETAQUA® PU F106 should be stored under cover, out of direct sunlight and avoiding extreme temperature changes. Under normal storage conditions (5 – 35°C, away from extremes) sealed, unopened containers of this material would have a shelf life of 12 months from the date of manufacture. If stored for longer than 12 months, product must be rechecked for suitability in the intended application.

SAFETY

Refer to Safety Data Sheet before handling or use.