SETAQUA® ECO 9650

Technical Datasheet

SETAQUA® ECO 9650 is a fine particle size, APEO free pure acrylic emulsion for use in exterior architectural coatings displaying excellent dirt pick-up resistance, damage resistance and high durability.

SOLVENT

Water

TYPICAL PROPERTIES

Appearance:	White opaque liquid
MFFT: ASTM D 2354, *STM 087A*	16 °C
Tg: *STM 004F*	24 °C
Non-Volatiles: ISO 3251, *STM 001G*	49 %
Dynamic Viscosity (Brookfield) DIN EN ISO 2555: DIN EN ISO 2555, *ASTM D 2196* (4; 50 1/min; 25 °C)	1150 mPa.s
pH (20 - 25 °C): *STM 007A*	8.5

KEY BENEFITS

- Environmentally friendly option
- High Dirt Pick-Up Resistance
- Excellent adhesion to a wide range of substrates
- Wide formulating window
- High level of stability when formulating with zinc oxide
- Low odour (not ammonia free) and Low VOC
- Durable polymer suitable for many applications

TECHNICAL FEATURES

SETAQUA® ECO 9650 has proprietary crosslinking technology that imparts excellent dirt pick-up resistance to exterior coatings whilst retaining low coalescent demand, multi-substrate adhesion and the reliability and robustness of proven technology platforms.
SETAQUA® ECO 9650 has been manufactured without the use of formaldehyde or formaldehyde generating raw materials.

APPLICATION

SETAQUA® ECO 9650 is recommended for use in highly durable coatings over a wide range of gloss levels where a high level of early and long-term dirt pick-up resistance is required. It exhibits remarkable gloss development, making it particularly suited for high gloss paint systems. As with the other members of this family of products, SETAQUA® ECO 9650 exhibits excellent adhesion to a wide variety of substrates including masonry, aged alkyd, fibre cement sheeting, concrete roof tiles and various metals.
SETAQUA® ECO 9650 is particular suited for inflexible substrates such as masonry and concrete tiles with the high hardness allowing the formulation of coatings that display a high level of dirt pick-up resistance.

STORAGE

SETAQUA® ECO 9650 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.

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