

SETAQUA® ECO 9400 is a fine particle size, APEO free pure acrylic emulsion for use in exterior architectural coatings displaying excellent damage resistance and high durability.

SOLVENT

Water

TYPICAL PROPERTIES

Appearance: White opaque liquid

Non-Volatiles: 49 %

ISO 3251, *STM 001G*

Dynamic Viscosity (Brookfield) DIN EN ISO 1150 mPa.s 2555:

DIN EN ISO 2555, *ASTM D 2196*

(4; 50 1/min; 25 °C)

pH (20 - 25 °C): 8.5

STM 007A

MFFT: 16 °C

ASTM D 2354, *STM 087A*

Tg: 24 °C

STM 004F

KEY BENEFITS

- Environmentally friendly option
- 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)
- Low VOC
- Durable polymer suitable for many applications

TECHNICAL FEATURES

SETAQUA® ECO 9400 is the hardest and most damage resistant member of a family of polymers that help fulfill the need for more ecologically responsible exterior coatings while retaining the reliability and robustness of proven technologies. SETAQUA® ECO 9400 is a high Tg, general purpose polymer that provides the formulator with a more environmentally responsible option for coatings requiring higher damage resistance.

SETAQUA® ECO 9400 has been manufactured without the use of formaldehyde or formaldehyde generating raw materials.

APPLICATION

SETAQUA® ECO 9400 is recommended for use in highly durable coatings over a wide range of gloss levels; however it exhibits remarkable gloss development, making it well suited for high gloss paint systems. As with the other members of this family of products, SETAQUA® ECO 9400 exhibits excellent adhesion to a wide variety of substrates including masonry, aged alkyd, fibre cement sheeting, concrete roof tiles and various metals.

SETAQUA® ECO 9400 is particularly 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 9400 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.