

SETAQUA® ECO 6410 is a fine particle size, APEO free pure acrylic emulsion for use in exterior architectural coatings displaying excellent durability.

SOLVENT

Water

TYPICAL PROPERTIES

Appearance: White opaque liquid

STM 017A

Non-Volatiles: 49 %

ISO 3251, STM 001G

Dynamic Viscosity (Brookfield) DIN EN ISO 1500 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: 10 °C

ASTM D 2354, STM 087A

Tg: 17 °C

STM 004F

KEY BENEFITS

- Environmentally friendly option
- Recommended for DTS gloss coatings for new timber
- Excellent adhesion to a wide range of substrates
- Wide formulating window
- High level of stability when formulating with zinc oxide
- Low odour (but not ammonia free)
- Low VOC
- Durable polymer suitable for many applications

TECHNICAL FEATURES

SETAQUA® 6410 is the mid-range properties member of a family of polymers that combine the need for more ecologically friendly exterior coatings with the reliability and robustness of proven technologies. SETAQUA® 6410 is a medium T_g , general purpose polymer providing the formulator with a more environmentally responsible option suitable for use in a wide range of coatings.

SETAQUA® ECO 6410 has been manufactured without the use of formaldehyde or formaldehyde generating raw materials.

APPLICATION

SETAQUA® ECO 6410 is recommended for the formulation of high durability architectural coatings and is ideally suited to use in DTS coatings and can be applied to a wide range of substrates including masonry, fibre cement sheeting, concrete roof tiles as well as both painted and new timber. Formulators will find that SETAQUA® ECO 6410 will tolerate high pigment loadings making it ideally suited for use in both high and low gloss coating systems.

The properties of SETAQUA® ECO 6410 have been chosen to provide an optimum balance between flexibility and dirt pick up resistance, ensuring that the "just painted" look remains for longer.

STORAGE

SETAQUA® ECO 6410 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.