

SETAQUA® ECO 6420 is a fine particle size, APEO free pure acrylic emulsion for use in exterior architectural coatings displaying excellent flexibility and high durability.

SOLVENT

Water

TYPICAL PROPERTIES

Appearance: White opaque liquid
STM 017A

Non-Volatiles: 49 %
ISO 3251, STM 001G

Dynamic Viscosity (Brookfield) DIN EN ISO 2555: 2300 mPa.s
DIN EN ISO 2555, ASTM D 2196
(4; 50 1/min; 25 °C)

pH (20 - 25 °C): 8.5
STM 007A

MFFT: 0 °C
ASTM D 2354, STM 087A

Tg: 5 °C
STM 004F

KEY BENEFIT

- Environmentally friendly option
- Highly recommended for low sheen coatings applied to new timber substrates
- 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
- Low coalescent requirement

TECHNICAL FEATURES

SETAQUA® ECO 6420 is the most flexible 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® ECO 6420 is a highly flexible, general purpose polymer that allows the formulator to design more environmentally responsible options for applications requiring a more pliable coating.

SETAQUA® ECO 6420 has been manufactured without the use of formaldehyde or formaldehyde generating raw materials.

APPLICATION

SETAQUA® ECO 6420 is recommended for use in highly durable architectural coatings where flexibility is a key performance attribute. SETAQUA® ECO 6420 also tolerates high pigment loadings making it ideally suited to utilization in the formulation of low sheen and flat coatings. Coatings formulated with SETAQUA® ECO 6420 exhibit excellent adhesion to a wide range of substrates including masonry, aged alkyl, fiber cement sheeting, concrete roof tiles, primed and unprimed timber as well as a variety of metals.

SETAQUA® ECO 6420 is particularly recommended for low sheen coatings for direct to timber.

STORAGE

SETAQUA® ECO 6420 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.