



NUMBER 4470-3 (Supersedes 4470-2)

Strodex™ FT-50K Phosphate Ester

For Waterborne Architectural Coatings

Strodex FT-50K is the neutralized (potassium salt) form of a phosphate ester of an alcohol ethoxylate. It functions as a supplemental dispersant to assist in reduction of pigment flocculation and is beneficial at dispersing pigments including TiO₂, iron oxides and common extenders. Strodex FT-50K does not contain any alkyl phenol ethoxylates (APEOs).

Strodex FT-50K is effective in enabling water inclusion into alkyd paints positively impacting, final coating formulation VOC, gloss and haze.

Typical Properties^(a)

Chemical type:.....	Phosphate Ester (anionic)
Appearance:	Clear liquid
Active solids, weight %:.....	51 ± 1%
Gardner Color:.....	2 maximum
Viscosity ^(b) , as supplied (cps or mPa•s):.....	<100
Density, g/L:.....	1.17
Density, lb/gal:.....	9.7
pH, 10% aqueous solution:.....	7.5-8.5
VOC content ^(c) , weight %:.....	Not Detectable
Flash point ^(d) :.....	>200°F (93°C)

^(a)Values are typical properties and are not to be regarded as product specifications.

^(b)Brookfield RVT viscosity at 25°C (77°F), spindle #5 at 2 rpm.

^(c)US EPA method 24

^(d)Tag closed cup

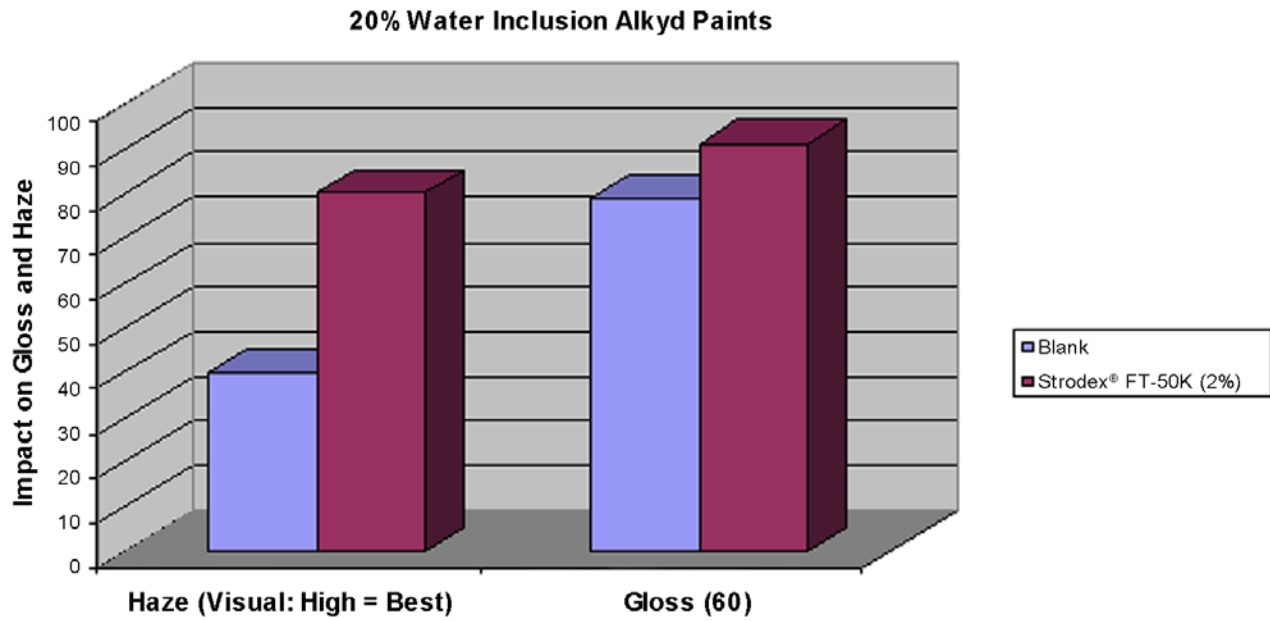
Product Benefits

- Improves dispersion stability in waterborne architectural paint formulations
- Use as a supplemental dispersant pigments including TiO₂ and iron oxides
- Enhances color properties
- Water inclusion in alkyd paints
- Improved freeze-thaw recoverability
- Inhibition of flash and nail head rusting

Recommended Use Levels

- In flat, semi-gloss and gloss paints, 2-10 pounds (= approx. 0.2-1.0 wt%) of Strodex FT-50K per 100 gallon of finished paint are recommended.
- In alkyd paints for water inclusion, per 10% water addition 1.0 wt% of Strodex FT-50K is recommended.

Water-Inclusion Alkyd Paint Performance



APEO Content

Strodex™ FT-50K does not contain any alkyl phenol ethoxylates (APEOs).

Product Safety

Read and understand the Material Safety Data Sheet (MSDS) before using this product.