

SMARTEX

FOR ALKYD BASED PAINT

TECHNICAL DATA SHEET

SMARTEX neutralizes acid groups in alkyd based paints, allowing emulsification of significant quantities of water in solvent based paint. Important volatile organic components (VOC) and cost reductions are simultaneously achieved!!

Using SMARTEX introduce up to 30% of water to the paint, easily and without Changes in process or machinery, obtain a similar dry film with cost reductions of 20% or more!

ADVANTAGES

- ▶ *VOC reduction up to 30 % in accordance to new regulations.*
- ▶ *Same opacity, better color and adhesion of paint.*
- ▶ *Easy viscosity regulation: add water to increase / solvent to reduce*
- ▶ *Balance cost reduction and gloss, according to your formulation purpose of economic or premium quality.*
- ▶ *Reduce solvent cost replacing white spirit by kerosene.*
- ▶ *SMARTEX is cheaper than AMP and also better because of being completely volatile. SMARTEX does not remain in the dried film, AMP instead stays as a hydrolysable solid detracting the mechanical resistance of the paint.*
- ▶ *Using SMARTEX is cheaper and better when compared against use of polysaccharide resins, because of its lower dosage. With SMARTEX you avoid also yellowing and loss of gloss, you achieve better water and alkali resistance without any risky changes in process like the use of them.*

PARAMETERS	SPECIFICATIONS
Aspect	Limpid liquid
Color Gardner	< 1
Density	1,0 +/- 0,1
Melting point	≈ 0 °C (Means easier handling in cold weather)
Solubility	Complete in water
pH solution 5%	12 +/- 0,6
Non volatile	0%
Composition	Organic amine derivative
Active matter	Mínimun 94%

For additional information see:
Process, Dosage and Recommendations for:
SMARTEX AND WATER FOR ALKYD BASED PAINT

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