Texicryl® 13-645

Acrylic Dispersions

Technical Data Sheet

Product overview

TEXICRYL® 13-645 is a high effiency styrene acrylic binder which exhibits excellent resistance to water blanch.

Characteristics (Not to be taken as a specification)	
Solids content	45%
Viscosity at 25°C (Brookfield RV8, Spindle 3, 20 rpm)	2500 mPa s
pH	8.5
Particle Size	115nm
Specific Gravity at 25°C	1.03
Minimum film formation temperature*	19°C
Glass transition temperature	22°C

*Determined by metal bar with temperature gradient

Application

TEXICRYL® 13-645 is a general purpose styrene acrylic binder which exhibits excellent resistance to water blanch. TEXICRYL® 13-645 has a low surfactant content which helps to minimise rheology modifier use in a compounded system.

Key Benefits
Good block resistance
Good compatibility with associative thickeners
Low water blanch
Fast drying

Recommended Applications
Interior / exterior paints particularly areas of high humidity
Direct to metal
Anti-corrosive primer

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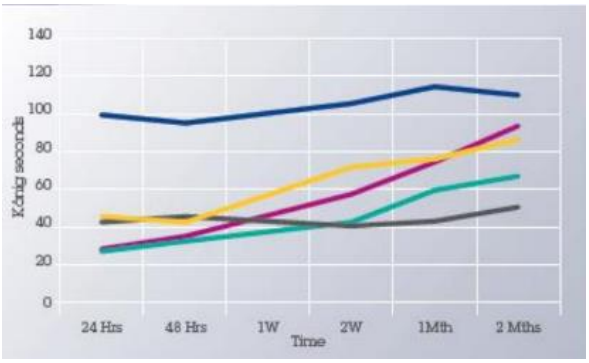
Coalescing solvent comparison

4% coalescent	MFFT RESULT °C
Texicryl® 13-645 (Force dried)	19
TEXANOL	9
DPnB	6
DPM	13
BUTYL DIGLYCOL	13

Hardness development (König)
This method evaluates hardness by measuring the damping time of an oscillating pendulum. Depending on the elasticity the damping will be stronger or weaker. The weaker the damping is, the higher the elasticity.



Packaging and storage

TEXICRYL® 13-645 is supplied in drums, 1 tonne IBC's or bulk supplies are delivered by road tanker.

TEXICRYL® 13-645 should be stored in the original, unopened and undamaged containers in a dry place at temperatures between 5°C and 30°C. Exposure to frost should be avoided.

Health and safety

Please see separate material safety data sheet.

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