TEXICRYL® 13-645

Styrene acrylic copolymer emulsion

INTRODUCTION

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)	mPa.s	2500
pH		8.5
Particle Size	nm	115
Specific gravity at 25°C		1.03
Minimum film formation temperature *	°C	8
Glass transition temperature	°C	22

* Determined by metal bar with temperature gradient

APPLICATIONS:

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

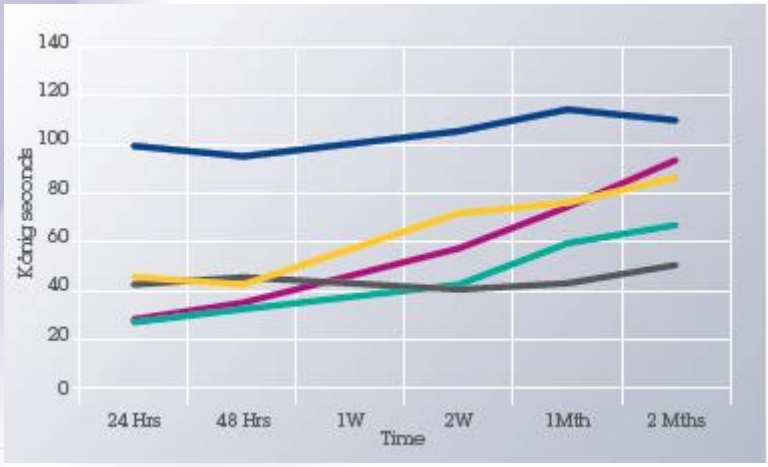
Anti-corrosive primer

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

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

STORAGE

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 & SAFETY

Please see separate material safety data sheet

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