

## TUFCRYL DX

### Characteristics of Emulsion

Appearance	: Off white emulsion
Solid Content	: 40 ± 1%
pH (without dilution)	: 6.0 ± 0.5
Charge	: Anionic
Viscosity	: 40 - 150 cps
Nature	: Glossy binder
Mechanical Stability	: Good
Reaction with Ammonia	: Slight thickening

### Characteristics of Film

Appearance	: Transparent
Tensile Strength	: 2.2 Mpa
Elongation	: 800%
Gloss	: Glossy
Shore 'A' Hardness	: 20 (Zwick/Roell)
Sticking Level	: Low
Light Fastness	: Good

### REACH COMPLIANT



### Green-Trek- Compliant

a symbol of our commitment to sustainable technologies

Storage : Store between +5 °c to 35 °c in original pack, well-sealed.  
Shelf-life : Product is stable for 6 months from the date of production.



Non Flammable / Keep Flames Away

Store Indoors



Protect From Snow

Use Gloves/Ensure Ventilation



**A soft acrylic binder designed for excellent Cold-Crack performance, good fill, anti-soiling properties and high flexometer values. Free from NEP and NMP**

TUFCRYL DX is tough in performance when leathers require excellent Cold-Crack properties (-25 °C), plate release and high flexometer values. Pastel colour leathers finished with DX also exhibit higher resistance to yellowing when compared with conventional acrylics.

Finishing seasons containing TUFCRYL DX have good flow, and extended pot life. DX can be used in NMP-free top coat systems together with PU based top coat dullers or acrylic based top coat dullers for anti-soiling properties.

TUFCRYL DX can be used for automotive and furniture leathers, high value garments and softy uppers requiring cold crack resistance. It mixes well with most of the anionic and non-ionic products.

### Characteristics on Leather

Gloss / Matt	Glossy 25 GU (on cow upper)
Tack level	Low
Tape Test	Pass
Feel	Draggy
Dry rub fastness	More than 150 strokes
Cold-Crack Resistance	-25° C
Flexometer	More than one lakh flexes (on cow softy upper)

### Usage

Aniline Softy	:	60 parts	Pigment Nano Series
		30 parts	Dye solution Novolene Series
		30 parts	Filler 12/61
		60 parts	Filler 50
		60 parts	Glaze Top N
		120 parts	Tuf-Cryl DX
		100 parts	Acril-m S 55
		40 parts	Urez 891
		500 parts	Water

Note: Suggested formulations are only for guidance and necessary modifications must be made to achieve a particular result.