

UPHIN 100

Characteristics of Emulsion

Appearance	: Creamish Emulsion
Solid Content	: 23 ± 1%
pH (10% Sol.)	: 9.0 ± 0.5
Viscosity	: 100 ± 50 cps
Mechanical Stability	: Good

Characteristics of Film

Transparency	: Opaque
Tensile Strength	: 4.9 Mpa / 719 PSI
Elongation	: 400%
Gloss	: 11 BYK Gardner
Shore A Hardness	: 86 (Zwick/Roell)
Light Fastness	: Excellent
Cold-crack Resistance	: Excellent

New Generation compact binder, solvent free, designed for high performance upholstery and upper leathers that are VOC free. Based on Modified Polyurethane and acrylic copolymer emulsion compounded with finishing auxiliaries.

UPHIN 100 is designed to be the principal component of basecoat of high quality furniture or automotive upholstery or uppers that require tough films that exhibit excellent overall performance. The leathers respond well to embossing at higher temperatures (upto 100°C) without any danger of plate cutting through the film. Its lightfastness, cold-crack, flex, rub and scuff resistance is excellent - much higher than conventional resin based compacts due to the polyurethane components.

UPHIN 100 helps in effective masking of defects, provides a natural aspect to finish without overloading the grain. It can be used as a sole binder or in combination with other binders of Acril-m series for the finishing of heavily defective and buffed leathers where it provides good coverage and levelling. It is fully compatible with waxes, feel modifiers, duller (not cationic) for altering its properties.

Leathers finished with Uphin 100 are suitable for bulk storage / delivery.

Usage

Stir before use 

Buffalo Upholstery :	150 parts Pigment - Nano Series
	500 parts Uphin 100
	50 parts Water
	1 r/c, dry well, mill, 1 spray
C/G Leather Upper :	100 parts Pigment - Nano Series
	50 parts Filler 12/61
	50 parts Filler 50
	150 parts Uphin 100
	100 parts Acril-m X 858
	50 parts Glaze Top EC
	500 parts Water

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 & stored.
 Shelf-life : Product is stable for 6 months from the date of production / Invoice.



Non flammable

Avoid direct contact with skin



Store in dry place

Use Gloves / Ensure Ventilation



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