

SYNTAN ZFM

Characteristics

Composition	: Melamine - Aldehyde Condensate Resin
Appearance	: Beige / Yellow Powder
Solid Content	: 95 ± 1%
Charge	: Anionic
pH (1:10)	: 7.5 ± 0.5
Solubility	: Readily soluble in water Low
Astringency	: Mild
Light Fastness	: Medium
Effect on Leather Colour	: Slight
Dye Bleaching Effect	: Moderate
Stability to Salts	: Good

Suggested Application

- ✓ Automotive Upholstery
- ✓ Children's Shoe upper
- ✓ Sheep and goat skin

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 24 months from the date of production / Invoice.



Non flammable

Avoid direct contact with skin



Store in dry place

Use Gloves / Ensure Ventilation



Innovative Melamine-polyaldehyde condensate, adds "Zero Formaldehyde" to leather. Permits fuller handle and tighter grain as compared to conventional melamine formaldehyde resins.

SYNTAN ZFM is a "Zero Formaldehyde" syntan based on a tightly controlled reaction of melamine with high performance aliphatic polyaldehyde compounds without using any Formaldehyde at all during condensation. It is most suitable for luxury articles, automotive and kid's shoe leather requiring very tight control on residue formaldehyde.

SYNTAN ZFM selectively deposits in loose areas of the skins / hides such as belly, neck and flanks, thereby providing much needed filling to these parts of leather. The leathers show improved tightness and fullness. ZFM can be combined with Syntan T also for providing uniformity and optimal coverage to all parts of leather.

Chrome Tanned leathers retanned with Syntan ZFM have tight grain pattern and a uniformly tight handle. Articles with milling pebble also benefit and show improved regularity of the pebble. It also improves the embossing and buffing properties of leathers.

Usage

It is advised to apply Syntan ZFM during retanning stages preferably in combination with Syntan T. It works best for even distribution on evenly - neutralized hides.

- For Upper Leather: Tight wet blues 2-3% and for loose and empty hides 3-4%. Works best after a pre-fatliquor and acrylic resin run for 30 minutes before other chemicals are applied.
- Furniture Upholstery: For tight grained upholstery, use 1-2% and for enhanced fullness combine it with 1-2% Syntan T.
- Automotive: Use 2-3% during retanning and for enhanced filling combine with Syntan T after acrylic resin has run for 20-30 minutes.
- Sheep and Goat skin: Apply 1-2% in early stages of retanning process and a small amount of another retanning agent can be combined.

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