



# Pastes for Leather

Our water-based, biodegradable solution transforms raw leather into finished material using heat and pressure—delivering consistent matte or metallic finishes.

Dyechem 

# Challenges in the Leather Industry



## Resource Intensity

Conventional processes consume excessive water and chemicals, inflating costs and environmental footprint.



## Chromium Toxicity Risk

Chrome-tanned leather can form harmful Cr(VI) compounds during finishing processes.



## Complex Production Cycles

Multi-step finishing methods extend lead times and increase labor dependencies.



## Regulatory Pressure

Growing demand for ZDHC and REACH compliance, especially in export markets.



## Innovation Barriers

New sustainable technologies often require significant equipment investments for tanneries.



## Quality vs. Sustainability

Meeting demand for premium finishes without compromising environmental standards.



## Color Consistency

Achieving reliable shade matching remains a significant technical challenge.

# Introducing Pastes for Leather by Dyechem



## No Dyeing Required

Full-surface coverage, eliminates traditional dyeing, reducing water use and production time.



## ZDHC Level 3 Compliant

Meets highest global standards for sustainable chemical management, ensuring safety across the supply chain.



## Eco-Friendly Formula

Water-based and biodegradable with no harmful solvents or microplastics.



## Design Versatility

Over 250 pre-matched shades in metallic and matte finishes, with custom color matching available.



## Simplified Process

Applies directly to crust leather with minimal steps for faster, cleaner, and more consistent results.



## No Additional Capital Investment Needed

Compatible with existing tannery equipment — no new machinery or setup required.



# The Process



## Start with Crust Leather

Use crust leather — dyed or undyed. Our paste gives full coverage either way, making dyeing optional and reducing water and chemical use when skipped.



## Apply by Spray

Optimized for spray application. One coat delivers a consistent metallic or matte finish with excellent surface uniformity.



## Allow to Dry, Then Plate

Once dry, cure the finish using heat and pressure in a standard tannery plating press.



## Ready to Ship

Once plated, the leather is fully finished — no sealing or topcoats needed. Durable, high-impact, and export-ready.

# Transform Defective Leather into Premium Finishes



## Defective Leather

Low-grade hides with tick marks, scars, and surface inconsistencies that would typically be rejected.

## Spray Process

Our water-based pastes are applied with existing equipment, covering defects while maintaining leather's natural feel.

## Premium Finished Leather

Transformed into high-value material with stunning metallic or matte finishes ready for premium applications.



## Waste Reduction

Repurposes leather that would otherwise be discarded, supporting circular economy principles.



## Cost Savings

Significantly reduces material costs by upgrading lower-grade hides.



## Eco-Friendly

Our ZDHC-compliant process uses 70% less water and chemicals than traditional methods.



## Premium Aesthetics

Creates high-value finishes that command premium pricing in the market.

# Our Products are ZDHC MRSLe v3.1 Compliant

With a legacy spanning 50 years, Dyechem continues to innovate with cutting-edge products that not only perform exceptionally but also lead the industry in eco-consciousness, bolstering our clients throughout the supply chain.

We are ZDHC Level 3 and ISO certified.

1

## Supply Chain Responsibility

Sustainability requires a holistic approach. We collaborate with suppliers and customers to ensure responsible practices throughout the entire supply chain, from raw material sourcing to final application.

2

## Environmental Compliance

Our products meet and exceed global regulations, including ZDHC MRSLe standards. We continuously update formulations to address evolving requirements and emerging environmental concerns.

3

## Innovation for Sustainability

Our R&D team explores technologies that reduce environmental impact while maintaining product performance, positioning us at the forefront of eco-friendly leather processing solutions.

# Key Benefits and Features

## Environmental Advantages



Water-based and biodegradable formulation



Meets ZDHCMRSL and ISO standards



Reduces water and chemical consumption by over 70%

## Production Efficiency



Compatible with existing equipment



Streamlined process reduces production time



Long shelf life and microbial resistance

## Performance & Aesthetics



Available in matte and metallic finishes



Maintains softness and flexibility



Breathable finish for various applications



Effectively masks defects in low-grade hides

# Explore Our Full Range of Solutions



## Pastes for Paper

Premium metallic and decorative finishes for paper applications.



## Pastes for Jute

Rich coloring solutions for natural jute products.



## Cotton Knit Solutions

Complete dyeing system for cotton knitwear.



## Specialty Paints

Water-based coatings for glass and wall applications.

# Contact Dyechem

Our technical experts are ready to discuss your leather processing requirements and recommend optimal solutions.



## Technical Support

We provide comprehensive assistance from product selection to implementation. Our specialists offer demonstrations, sample testing, and personalized recommendations.



## 50 Years of Experience

Dyechem is committed to your success and advancing sustainable practices in the leather industry with five decades of industry leadership.



## Get In Touch

Phone: +91-33-2486 7955/9957

Email: [info@dyechem.in](mailto:info@dyechem.in)

Headquarters: Kolkata, India

**All our products are water-based, ZDHC-compliant, and designed for the evolving needs of modern manufacturers. Visit [dyechem.in](http://dyechem.in) to explore our full range.**