



MASHAKPIPER LEATHERS PVT. LTD.

# TECHNICAL DATA SHEET

JULY 2022



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# LEATHER UPHOLSTERY

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# NATO SERIES

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The Nato Series™ boasts the high impact of natural milling and the inherent texture of leather, creating a captivating blend of rugged sophistication.

With each piece uniquely crafted to showcase the raw beauty of Indian Buff Natural milled Leather, the series offers a tactile experience that exudes authenticity and charm.

Elevate your space with the Nato Series™, where the artistry of natural milling meets the timeless allure of leather's inherent texture.

Description	Natural Milled Leather
Raw Hide	India Origin
Type	Water Buffalo
Tanning	Chrome and mixed re-tanning
Finish	Pigmented finish on heavy retanned Upholstery crust
Thickness	1.0-1.2 mm
Size	Average, 40 Sqft
Pattern	Natural Milled Texture
Colour	11 colours available from Stock

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# WEAR & CHEMICAL ANALYSIS

TESTS	SPECIFICATION	RANGE/UOM
THICKNESS	ISO 2589	1.0-1.2 mm
COLOR FASTNESS TO RUBBING DRY-500 CYCLES	ISO 11640 : 2012	≥ 4, GREY SCALE
COLOR FASTNESS TO RUBBING WET-250 CYCLES	ISO 11640	≥ 3/4, GREY SCALE
TEAR STRENGTH SINGLE EDGE TEAR	ISO3377-1:2011	≥ 25,N
COLOR FASTNESS TO LIGHT	ISO 105 B01:2014	≥ 4, BLUE SCALE
FLEXING ENDURANCE-DRY	ISO 5402 : 2011	50000, Flexes
COLD CRACKING	ISO 17233	-20°C
ADHESION TO FINISH-DRY	EN ISO11644:2009	≥ 2N/10mm
TROPICAL TEST	ISO 17228:2015 (METHOD 7G) TEST CONDITION: 72±1 HRS AT 60±2°C AT 85±5% RH	≥ 4, GREY SCALE
TENSILE STRENGTH	BS EN ISO 3376	≥ 10N/10mm <sup>2</sup>
PVC MIGRATION	BS EN ISO 15701:2015	≥ 4, GREY SCALE
CHROMIUM VI AFTER AGEING	ISO 17075-1:2017 AS PER ISO 10195:2018 METHOD A2 AGEING CONDITION AT 80±2°C FOR 24 HRS. < 10%RH BEFORE Cr (VI) DETERMINATION	≤ 3 Mg/Kg



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# Care & Maintenance Tips



## Daily Maintenance for Standard Use:

- Mashakpiper leather is naturally resilient and long-lasting.
- Minimal daily care is required, avoiding excessive cleaning.



## Preventing Accumulation for Durability:

- Accumulation of dirt and grease over time can be detrimental.
- Regular light cleaning using a damp cloth is recommended.



## Cleaning Routine for High Traffic Areas:

- Heavy traffic leather requires a thorough cleaning routine.
- Recommend organizing a plan with a specialized cleaning service.



## Avoiding Damage from Dirt and Dust:

- Dirt and dust are abrasive and can damage the protective finish.
- Use a humid cloth for light cleaning; avoid creams, waxes, or polishes.



## Helpful Hints and Tips:

- Clean dust with a soft, dry woolen cloth in circular movements.
- Use a mild soap solution for light cleaning; remove dirt promptly.
- Avoid aggressive chemicals; check cleaner compatibility.
- Minimize direct sunlight exposure; handle stains with care.



## Seasonal Deep Cleaning:

- Perform deep cleaning twice a year using a specific cleaner and conditioner.
- Apply cleaner with circular movements; let leather dry before re-polishing.



## warnings :

- Avoid immersion in water, No bleach or solvents.
- Avoid Ironing, No Dry Cleaning.

