



 **X-PAULIN**[®]
CROSS LAMINATED TARP

Multilayer-Cross Laminated (MLCL) Premium Film,
Tarpaulin and Covers for Long Lasting Performance



Durable



Easy to Use



Flexible



Tear Resistance



Highest
UV Stabilized



100%
Waterproof



Ultrasonic
Joints



Long Lasting
Performance

Long Lasting Protection Against - Water, Sun Ray, Wind, Dust and Bird shit

About X-PAULIN

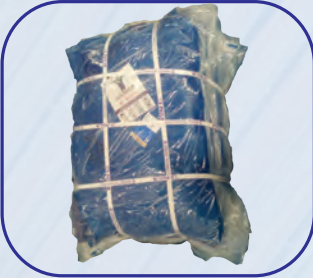
“X-PAULIN” is essentially A High Performance Lightweight, Weather Resistant, UV Stabilised and Durable **Multilayer-Cross Laminated (MLCL)** Film. Its manufactured by proprietary and unique polymer imported from various countries and made by latest **SWISS Technology Production Process including Multilayer Blown – Cross Cut / Spiral Slitting -Cross Lamination – LD/TD Starching – Multidirectional Compression and Isotopically Align**

With Advance Technology and unique polymer formulation “X-PAULIN” processed to perform even in worst environmental condition. It is right fit for the application area where high Strength, Tear and Puncture resistance properties required.

WHY X-PAULIN?

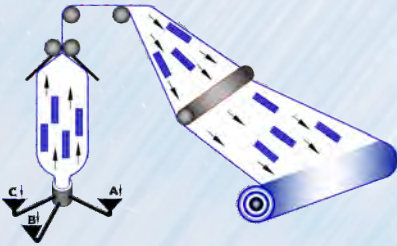
X-PAULIN	Ordinary Tarpaulin
✓ Highest UV Stabilised for Long Lasting Performance under Direct Sun Light	✗ Very Poor or No UV Stabilised
✓ Its Full Thickness Waterproof – No Secondary Lamination	✗ Very Thin Secondary Lamination which peeled off or tear very fast and lead to leakages
✓ X-PAULIN made from very special Imported Virgin Polymer – (No Filler, No Low grade Polymer)	✗ Ordinary Tarpaulin made from high Filler and Low grade Polymer
✓ X-PAULIN is Heat Sealed of base material for robust performance and 100% water Proof	✗ Sealing done on very Thin Lamination which is very weak and fail to early, also use stitched joints that are not waterproof
✓ No issue of Delamination and cracking due to Advance Cross lamination Technology and UV Stabilised Properties	✗ Delamination and cracking is very common failure due to thin lamination and absence of UV Stabilization
✓ Ultrasonically welded eyelets, can sustain heavy starching pressure in tuff use	✗ Use non weld metal eyelets which tear off when exposed to heavy starching pressure
✓ Durable and Long Life Span	✗ Very short life Span

X-PAULIN MULTILAYER - CROSS LAMINATION FILM and TARPULIN

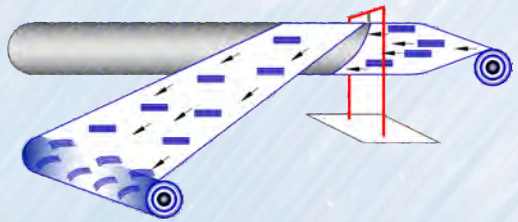


Long Lasting Protection Against - Water, Sun Ray, Wind, Dust and Bird shit

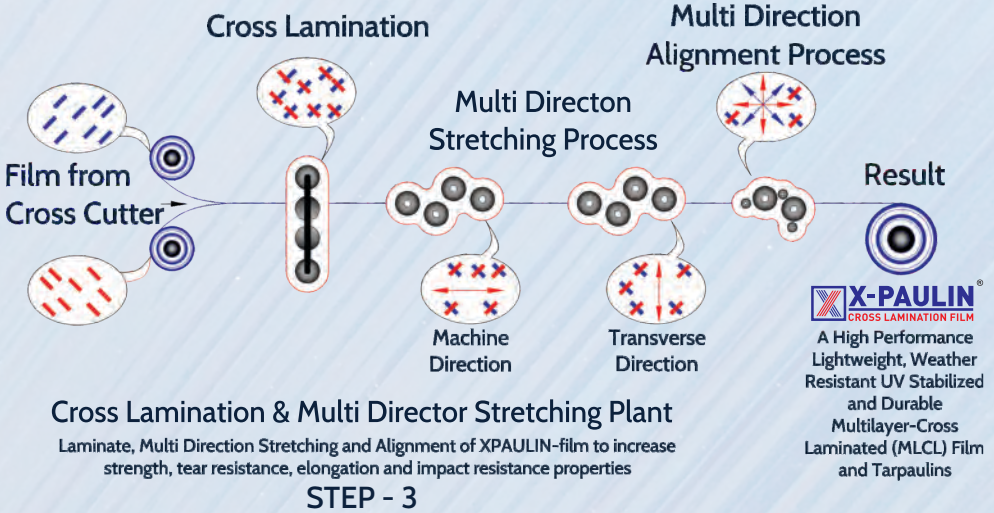
X-PAULIN Production Process



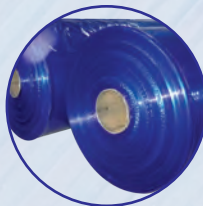
Multilayer Blown
Specially made to meet
unique layer ratio
STEP-1



Spiral Cutter / Cross Cutter
convert transverse and machine direction
to CROSS DIRECTION
STEP-2



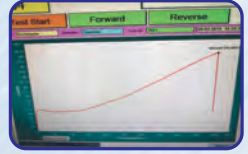
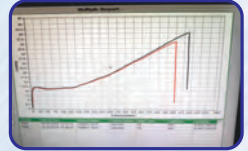
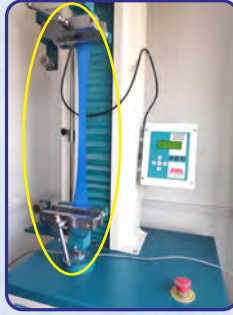
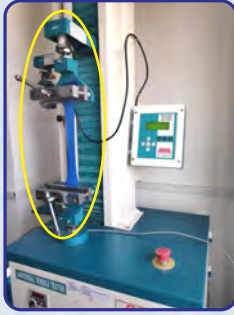
**Imported Polymer &
High Performance Additives**



**XPAULIN Cross
Lamination Process**



**Sizing and
Packaging**



Universal Tensile & Elongation Testing Machine



Hot Air Circulating Oven

Humidity Chamber

Free Falling Dart Impact Tester

UV Weather Accelerator Testing Chamber

Physical Properties Performance

Characteristic (UOM)	Test Method	Minimum text Value				
		XLN	LN	MN	HN	XHN
Mass Per Unit Area (GSM)	7016 Part-1	35,55,60	70	120	200	300
Tensile Strength at Break LD (Kg/Cm2)	IS:13360	>250	>250	>250	>250	>250
Tensile Strength at TD (Kg/Cm2)	IS:13360	>200	>200	>200	>200	>200
Elongation at Break LD (%)	IS:13360	>300	>400	>400	>400	>400
Elongation at Break TD (%)	IS:13360	>250	>300	>300	>300	>300
Tear Strength (Elmendorf) LD (Gram)	IS:14611, Annex F	>650	>1200	>2080	>3200	>4000
Tear Strength (Elmendorf) TD (Gram)	IS:14611, Annex F	>450	>900	>1600	>2800	>3500
Free Fall Dart Impact (Gram)	IS:13360	>100	>250	>400	>700	>800
Accelerated UV Resistance -After 192 Hrs of Aging (%)	IS : 14622, Annex G	70% to 50 % from the Original Strength				
Definition	LD- Longitudinal Direction also Known as MD- Machine Direction TD- Transverse Direction also known as OD – Opposite Direction					

The above values may vary as per actual GSM of the sample. The information is provided in good faith. X-PAULIN Management accepts no liability for misuse of product or information.

Premium Quality All-Weather Proof (MLCL) Film, Tarpaulin and Covers

X-PAULIN STANDARD APPLICATION

- Temporary Tent • Refugee Shelter
- Outdoor Storage Tent • Pandaal Mandap
- Monsoon Shed • Green House Dome
- Ground Cover • Pond Liners
- Portable Vermi Compost Beds
- Grow Bed • Poultury Curtain



Refuges Shelters



Agricultural Products Cover



Pond Liners



Industrial Protective Packaging



Construction Site Covers



Agriculture Ground Covers



Out Door Storage Cover



Fumigation Covers

X-PAULIN COVER APPLICATION

- Fumigation Cover • Roof Cover
- Containers and Vehicle Covers
- ODC Consignment Covers • Machine Covers
- Seaworthy Packaging Covers
- Pallets and Packaging Box Liners
- Construction application Covers and Liners

Product Available With Us

GSM	COLOUR	SIZE
35, 60, 70, 90,	Blue, Yellow, Green,	L : 6ft (1.82mtr.) + 640ft (200mtr.)
120, 150, 200	Black, White, Natural,	W : 6ft (1.82mtr.) + 640ft (200mtr.)
250, 300	& Special Colours	H : 6ft (1.82mtr.) + 640ft (200mtr.) (For Cover)



X-PAULIN[®]

CROSS LAMINATED TARP

(A Product of ISO 9001 : 2015 Certified Company)

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DISTRIBUTOR / DEALER

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