

Physical data

		XM 2	XM 3	XM 4	XM 10
Thickness	mm	2	3	4	10
Roll length	m	80	50	40	15
Roll width	m	1	1	1	1
Resin uptake	kg/m ²	1	1,5	2	6,5
Dry weight	g/m ²	96	128	163	335
Density impregnated	kg/m ³	540	540	540	680

Core material and print through barrier for open mould processes

Typical mechanical properties of Lantor Coremat® XM* impregnated with unsaturated polyester resin

Mechanical properties			Test method
Flexural strength	MPa	8,5	ASTM D790
Flexural modulus	MPa	1250	ASTM D790
Tensile strength across layers	MPa	4	ASTM C297
Compression strength (10% strain)	MPa	10	ISO 844
Shear strength	MPa	3	ASTM C273-61
Shear modulus	MPa	25	ASTM C273-61

* Lantor Coremat® XM 3

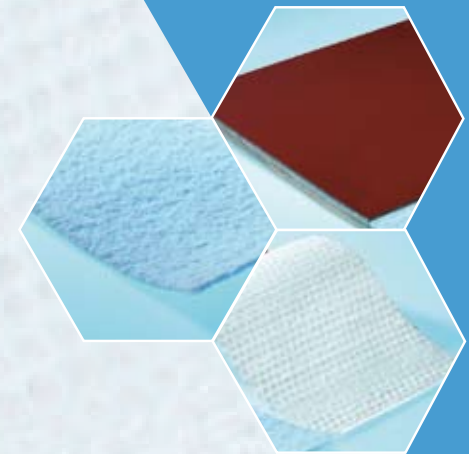
Lantor Coremat®

- The cost effective solution for your open mould process
- Lantor Coremat® can be used as core material and/or print blocker
- Lantor Coremat® is a polyester nonwoven and compatible with all regular types of resins, including Polyester, Vinylester, Phenolic and Epoxy.
- Lantor Coremat® is suitable for hand lay-up and spray-up processes.

Applications of Lantor Coremat®

- Marine (hulls, decks and superstructures of boats and yachts)
- Transportation (parts and panels of cars, trailers, trucks, RV's)
- Mass transit (interior and exterior of trains, light rail, buses)
- Leisure (kayaks, surfboards, pools, tubs)
- Industrial (cladding panels, containers, tanks)
- Wind Energy (nacelle covers, spinners)

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- Honeycomb structure for excellent drapeability
- Extra resin saving
- Optimal balanced bulker mat
- World benchmark

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