

### 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 <sup>2</sup>	1	1,5	2	6,5
Dry weight	g/m <sup>2</sup>	96	128	163	335
Density impregnated	kg/m <sup>3</sup>	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

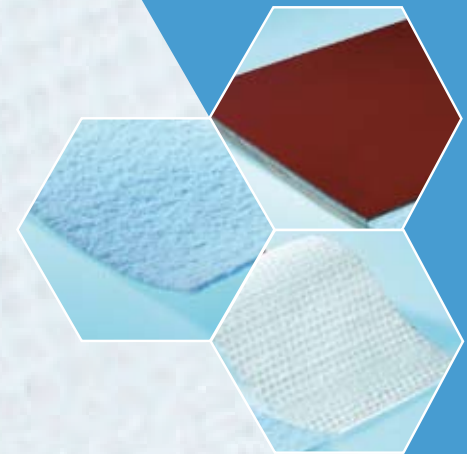
#### Lantor Coremat®

- 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)

The information contained in this document has been compiled in good faith by Lantor B.V., but nevertheless no representation or warranty is given as to the accuracy or completeness of the (technical) information provided herein. Please note, the data presented in this document are typical values only, and should not be used as specification or engineering data. Lantor B.V. can not be held liable for any damages arising from any (printing) errors or omissions in this information. Lantor B.V. reserves the right to make changes with respect to the information provided at any time without further notice.



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

### For more information:

#### Lantor BV

Verlaat 22, P.O. Box 45  
3900 AA Veenendaal

The Netherlands

Tel.: +31 (0)318 - 537 111

Fax.: +31 (0)318 - 537 420

E-mail: [lantorbv@lantor.nl](mailto:lantorbv@lantor.nl)

Or visit our website: [www.lantor.nl](http://www.lantor.nl)