

Physical data

		Xi 1	Xi 2	Xi 3	Xi 4	Xi 5
Thickness	mm	1,4	2	3	4	5
Roll length	m	130	80	50	40	30
Roll width	m	1	1	1	1	1
Resin uptake	kg/m ²	0,8	1,2	1,8	2,4	3,0
Dry weight	g/m ²	35	62	88	114	125
Density impregnated	kg/m ³	630	630	630	630	630

Core material and print through barrier for open mould processes

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

Mechanical properties			Test method
Flexural strength	MPa	11	ASTM D790
Flexural modulus	MPa	1100	ASTM D790
Tensile strength across layers	MPa	4	ASTM C297
Compression strength (10% strain)	MPa	10	ISO 844
Shear strength	MPa	5	ASTM C273-61
Shear modulus	MPa	35	ASTM C273-61

* Lantor Coremat® Xi 3

Keep Coremat® Xi away from direct sunlight, therefore store Lantor Coremat® Xi in the original bag. This will ensure the proper working of the resin indicator. Please note that the resin indicator is not a guarantee that sufficient resin has been applied, but strictly a control mechanism to identify dry spots. Always check resin content.

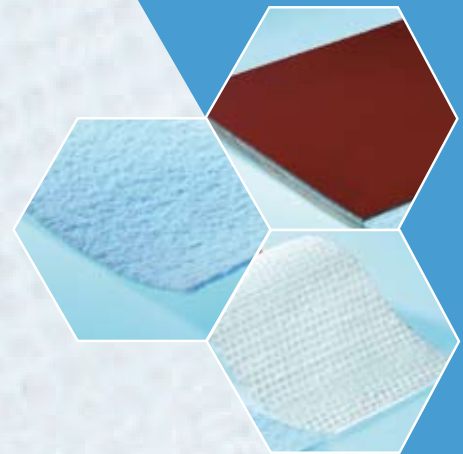
Lantor Coremat®

- 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.



- Resin indicator
- Excellent impregnation
- Improved control

For more information:

Lantor BV

Verlaet 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

Or visit our website: www.lantor.nl