

Technical data

		Xi 1 mm	Xi 2 mm	Xi 3 mm	Xi 4 mm	Xi 5 mm
Thickness	mm	1	2	3	4	5
Roll length	m	160	80	50	40	30
Roll width*	m	1	1	1	1	1
Resin uptake	kg/m ²	0.6	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

* Special widths on request

Typical 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
Flatwise tensile strength	MPa	4	ASTM C297
Stress at 10% compression	MPa	10	ISO 844
Shear strength	MPa	5	ASTM C273-61
Shear modulus	MPa	35	ASTM C273-61

Application of Lantor Coremat® Xi

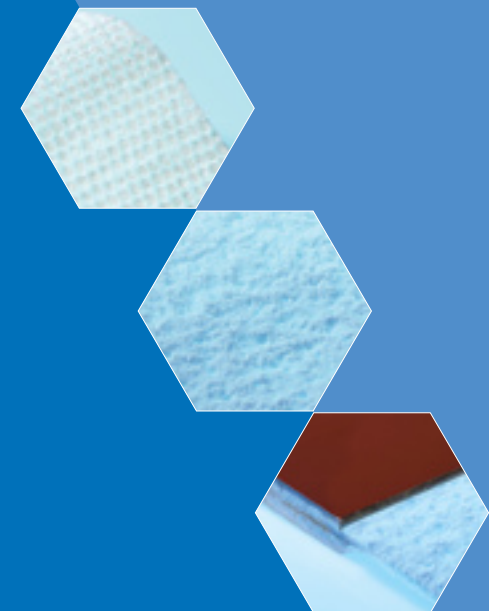
Resin compatibility	Polyester Vinylester Epoxy
Processing method	Hand lay-up, spray-up

Keep Coremat® Xi away from direct sunlight. Store Lantor Coremat® 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.

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Core material and print through barrier for hand lay-up and spray-up

- Resin Indicator
- Excellent impregnation
- Improved control



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

Or visit our website: www.lantor.nl