

Technical data

| Small cells | | XM2 | XM3 | XM4 | XM10 |
|---------------------|-------------------|-----|-----|-----|------|
| Normal 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 |

Typical 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 C297-94 |
| Compression strength (10% strain) | MPa | 10 | ISO 844 |
| Shear strength | MPa | 3 | ASTM C273-61 |
| Shear modulus | MPa | 25 | ASTM C273-61 |

* Lantor Coremat® XM3

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.

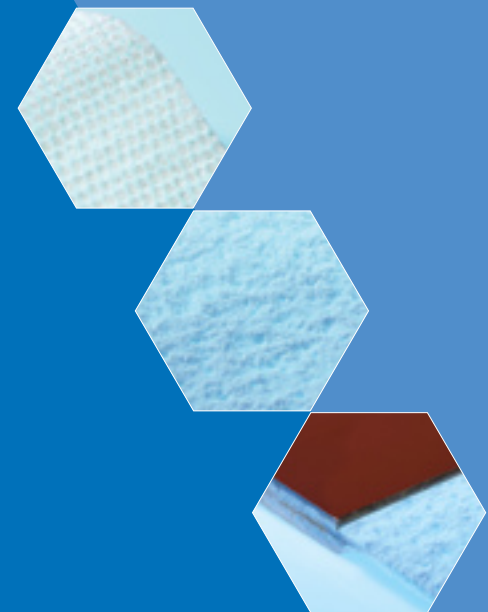
Applications of Lantor Coremat®

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

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

- Honeycomb structure for excellent drapeability
- Extra resin saving



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