

Press release

Multi-density foam core made of 100% recycled PET:

Armacell's latest innovation on view at Composites Europe 2017

Luxembourg, Thimister-Clermont, 13 September 2017 – ArmaFORM[®] PET MultiCore (MC) will be the focus of attention at Composites Europe 2017 from September 19-21. This innovative product will be presented by Armacell, the global leader in innovative and environmentally friendly structural PET foam cores for the composite industry.

Armacell's new product solution offers a unique combination of properties, including improved compression strength and point load static as well as an increased impact performance and point load dynamic. The use of higher density layers allows for superior screw retention without additional reinforcement – an increase of up to 25-30%. Thanks to the high density upper core layer, ArmaFORM[®] PET MC helps to reduce the amount of resin intake. The lower density core acts as a shock absorber, reducing the stress locally applied to the panel and leading to improved strain failure.

As the well-established ArmaFORM[®] range, the PET MC grade is made of 100% post-consumer PET and is also recyclable at the end of its service life. The different layers are bonded by means of a thermo-welding process without the use of adhesive, thus maintaining the product's 100% recyclability.

Generally, ArmaFORM[®] PET MC grade is designed to replace traditional Plywood-XPS and other multi-ply panels, used in a variety of applications such as load-bearing floor panels in lightweight trucks and trailers, side wall insulation panels in refrigerated trucks, or the body structure in caravans and motorhomes.

Visit Armacell in Hall 6, Stand E20 at Composites Europe 2017.

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About Armacell

As the inventors of flexible foam for equipment insulation and a leading provider of engineered foams, Armacell develops innovative and safe thermal, acoustic and mechanical solutions that create sustainable value for its customers. Armacell's products significantly contribute to global energy efficiency making a difference around the world every day. With 3,000 employees and 25 production plants in 16 countries, the company operates two main businesses and generated net sales of approx. EUR 560 million and adjusted EBITDA of approx. EUR 100 million in 2016. The Advanced Insulation business focuses on insulation materials for technical equipment. The Engineered Foams business develops high-performance foams that are used in high-tech and lightweight applications. For more information, please visit: <http://corporate.armacell.com/>.

Contact

Belinda Janson
Marketing & Communication PET Foams
Tel.: +32 87 325070
E-Mail: belinda.janson@armacell.com

Armacell Benelux S.A.
Rue des Trois Entités, 9
B-4890 Thimister-Clermont