



ArmaPET® Multicore

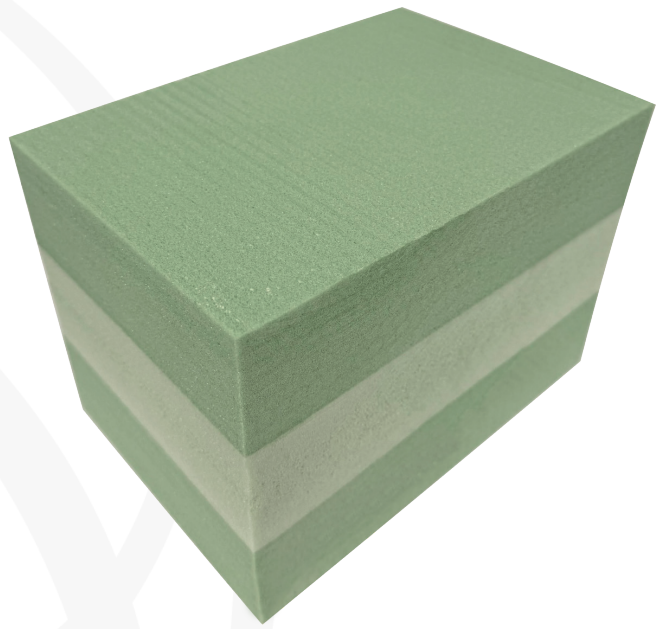
ArmaPET Multicore combines insulation and structural integrity, ensuring energy and emission efficiency for decades of use.

www.armacell.com/about-armapet

- // **Multi-density one material solution**
eliminating the need for secondary bonding agents
- // Armacell's advanced **thermal rPET welding** technology
- // **Excellent insulation and structural properties**
- // **Strong adhesion** with industrial adhesives and **effective screw retention**
- // **100% recycled material** supports industry environmental and sustainable directives

 **armacell®**
ArmaPET®

ArmaPET® Multicore



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ArmaPET Multicore integrates both high and low density recycled PET panels through a welding process, creating a seamless bond without the use of additional materials. This innovative approach not only maximises performance but also prioritises sustainability, as the final product is composed entirely of recycled PET, which can be recycled again at the end of its lifecycle.

The used material is our ArmaPET Eco50, which is the lowest density PET on the market at 50 kg/m³. It features a measured lambda as low as 0.027 W/mK for this application.

To enhance mechanical strength, this low-density material is surrounded by Eco195, which has a density of 195 kg/m³. This combination ensures that while Eco195 provides the required mechanical properties, it also maintains a satisfactory level of insulation.

Product dimensions are 1335mm x 1220mm x 150mm where each layer of material consists of 50mm. Customer specific dimensions available on request.

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