



3D|CORE™
all around composites

3D CORE™ PRODUCTS



GERMAN
**INNO
VATION**
AWARD '19
WINNER



GERMAN
DESIGN
AWARD
GOLD
2021



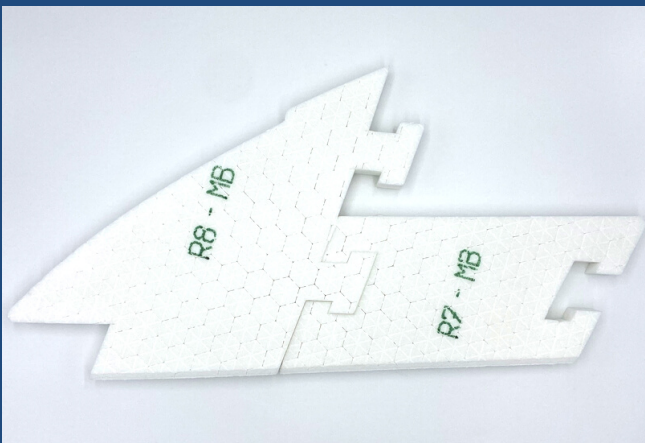
3D|CORE™
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3D|CORE™ PRODUCTS

3D|CORE™ is the first choice for engineers and designers looking for innovative composite solutions to optimize their products. We offer a specially selected range of structure-reinforcing 3D|CORE™ foam cores for your production of sandwich components in various delivery forms. That's how we find the ideal solution for every customer!

Your benefits:

- Lightweight components with high strength
- Increased efficiency
- 3D-shapable materials
- An optimal resin flow
- Tailormade products and solutions fitting your requirements



*For more information on the 3D|CORE™ structure, please see our "3D|CORE™ Technology" brochure



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3D|CORE™ PRODUCTS

3D|CORE™ SHEETS



THE IDEAL CORE FOR LIGHTWEIGHT, DURABLE AND COMPRESSION-RESISTANT SANDWICH CONSTRUCTIONS

- Basis: 3D|CORE™ PET GR, PET, PET FR, XPS
- Whether convex or concave, plane or with a tight bending radius - suitable for almost any shape
- Available in 3mm to 29mm thickness
- Dimensions: 405 mm x 1015 mm (L x W), we are happy to produce larger dimensions for you on demand

FIX-IN-PLACE™ ASSEMBLY KITS



CUSTOMIZED HIGH-SPEED ASSEMBLY KITS FOR AN EFFICIENT AND SUSTAINABLE PRODUCTION

- Basis: cut-to-size 3D|CORE™ core materials and fibre cuttings
- For the fastest possible component production
- Reducing scrap and ensuring an optimal material consumption
- Creation of a suitable insertion plan with the labelled cuts for your mould
- Precise cutting according to the final drawings including all angles and curves



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3D CORE™ ROLLS



THE IDEAL CORE FOR LONGER AND LARGER COMPOSITE COMPONENTS

- Basis: 3D CORE™ PET GR, PET FR
- Easy unwinding
- Available in 3mm to 10mm thickness
- Dimensions: 405 mm width, length according to your requirements

3D CORE™ TAPES



THE IDEAL CORE FOR AN EFFICIENT AND FAST WINDING PROCESS

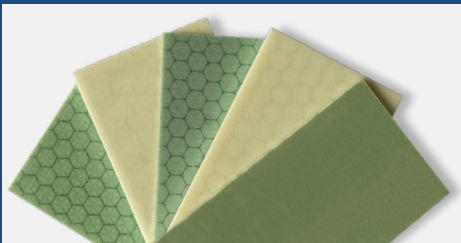
- Basis: 3D CORE™ PET GR
- For the production of rollers, pipes, masts and tanks
- Easy wrapping around the carrier
- Available in 3mm to 10mm thickness
- Dimensions: 47 - 115 mm width, length according to your requirements



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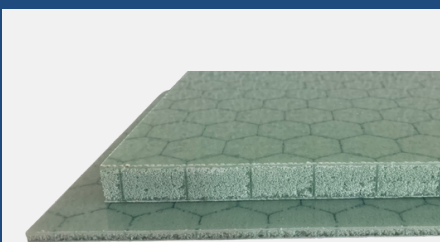
3D|CORE™ PRODUCTS

CROSS|CORE™ CONSTRUCTION BOARDS



THE READY-TO-INSTALL COMPOSITE COMPONENTS

- Basis: 3D|CORE™ PET GR, PET filled with an epoxy resin system
- Surface layers: fibres (e.g. GRP, CFRP, aramid) or HPL
- Individually adaptable according to your wishes in terms of core thickness, surface layer, coating/surface and fire protection class
- Highly weather and rot resistance
- Processing with conventional woodworking machines and carbide-tipped woodworking tools
- Available in 10mm to 25mm thickness (depending on core material)
- Dimensions: 1200 mm width, 2400 - 2440 mm length



Cross|CORE™ GR



Cross|CORE™ IT



Cross|CORE™ GR IT light

3D|CORE™

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ENGINEERING

PROCUREMENT

PRODUCTION

CERTIFICATION

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