

3D|CORE™
all around composites

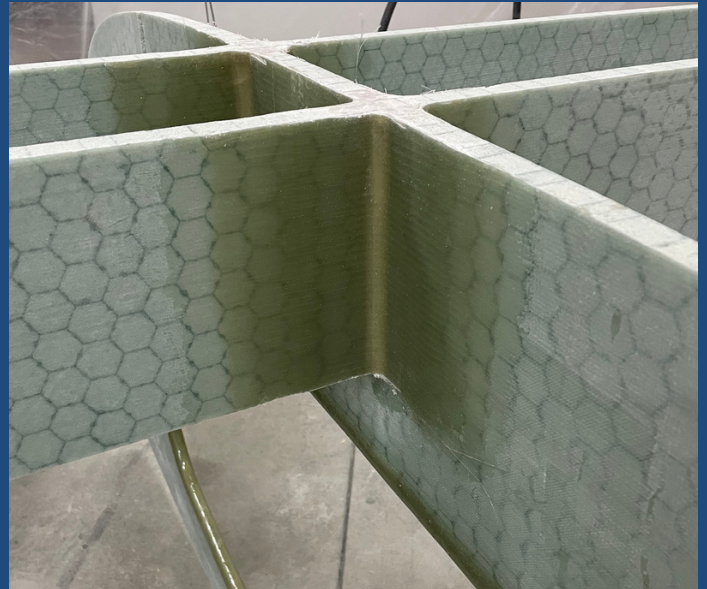
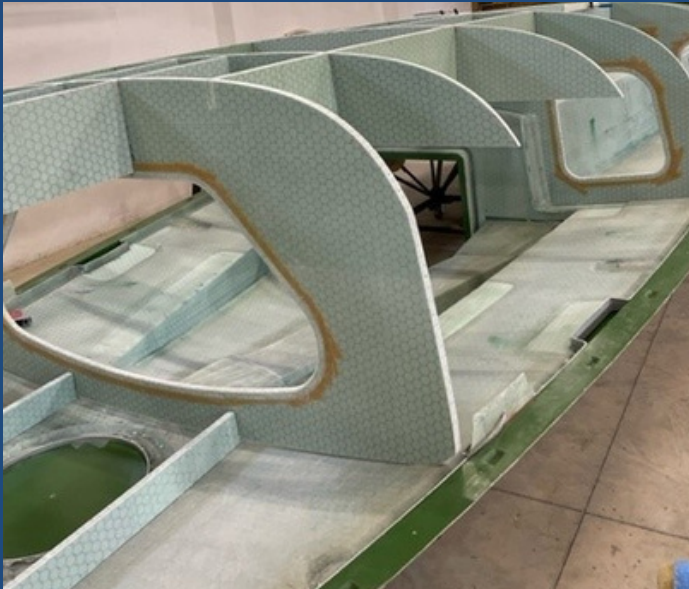
LIGHTWEIGHT - CONSTRUCTION BOARDS CROSSICORE™

Wide range of applications

Cut to size according to drawing

Individually adaptable

CROSSICORE™ LIGHTWEIGHT - CONSTRUCTION BOARDS



Cross|CORE™ is a lightweight construction board manufactured in sandwich construction. The board consists of our patented 3D|CORE™ foam core and a standard top layer made of a plane glass fabric. The foam core and fabric are bonded together by a synthetic resin.

We supply Cross|CORE™ construction boards not only as sheet goods according to your drawing, but also as cuts accurate to the millimetre including edge processing according to plan. Alternatively, our boards can also be reworked with common woodworking machines.

Due to the excellent mechanical properties and the best weight-cost ratio of our 3D|CORE™ technology, we are free to realize your ideas. The manufacturing process is subject to strict controls, because the high quality standard of our products is the basis for satisfied customers.

APPLICATION AREAS

- ◆ Constructions
- ◆ Floors
- ◆ Walls
- ◆ Furniture construction
- ◆ Stages
- ◆ Machine housings
- ◆ Shipbuilding
- ◆ Caravan
- ◆ Vehicle construction
- ◆ Trailers
- ◆ Cargo wagons
- ◆ Interior and exterior

CROSSICORE™ LIGHTWEIGHT - CONSTRUCTION BOARDS

CHARACTERISTICS

- Environmentally friendly, recycled foam core (post-consumer 3D|CORE™ PET GR)
- Durable moisture resistance (no expansion)
- Weather resistant
- Rot-resistant
- No pest infestation
- Long-lasting

- Formaldehyde-free
- CFC and HCFC free
- Free from harmful impregnating substances

- High mechanical properties with low weight
- Excellent fatigue strength
- Good insulation properties
- High compressive strength
- Homogeneous structure
- Splinter-free, no risk of injury

- Resistant to oils, alkalis, acids and seawater



Sustainability



Time savings



One-stop
solution



Easy
processing



Cost savings

CROSSICORE™ LIGHTWEIGHT - CONSTRUCTION BOARDS

PROCESSING

- ◆ Screwable
- ◆ Uncomplicated processing
- ◆ Wide range of applications
- ◆ Problem-free coating of the boards e.g. with aluminium, PVC, HPL, CPL
- ◆ Processing with conventional woodworking machines and carbide-tipped woodworking tools



Sawing



Milling



Drilling



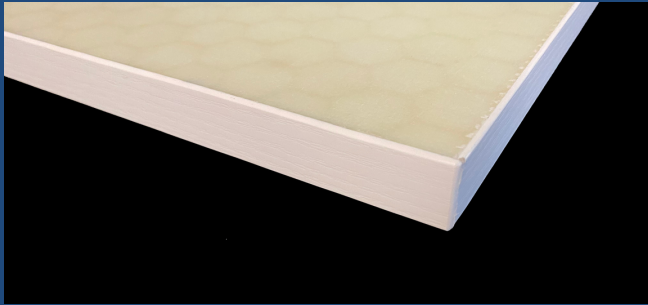
Chamfering



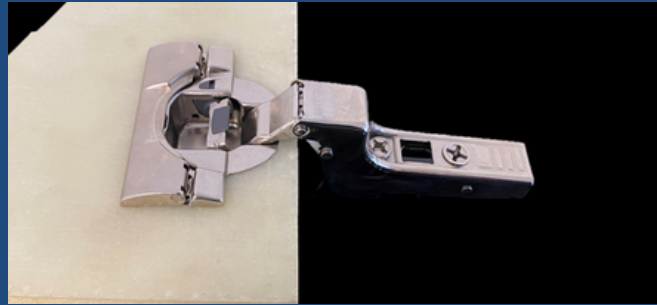
Gluing

CROSSICORE™ LIGHTWEIGHT - CONSTRUCTION BOARDS

EXAMPLES OF FITTINGS AND SCREWS



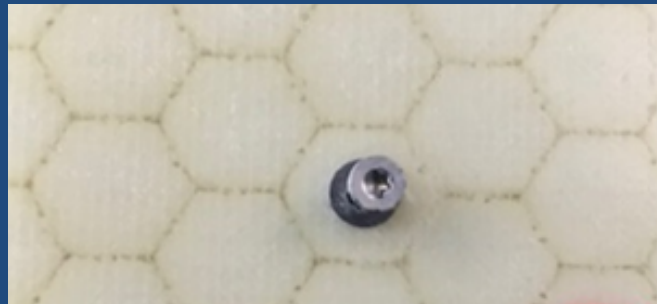
Edging



Hinge



Male and female thread

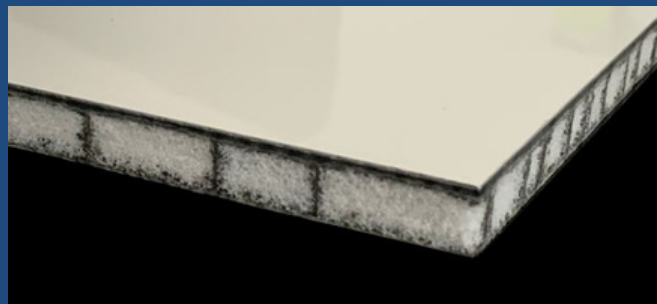


Metal plug

EXAMPLES OF SURFACES



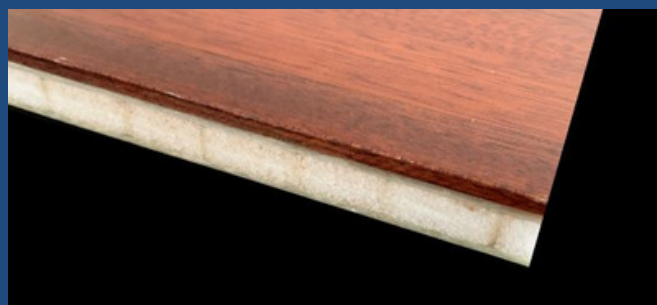
Stone



Aluminium



Veneer



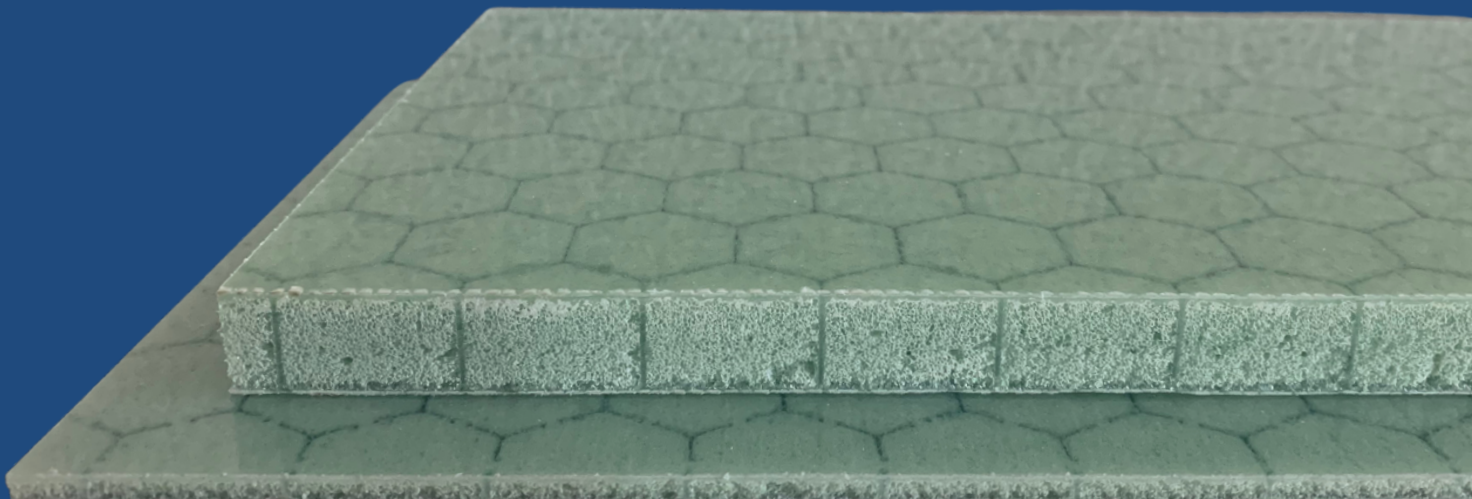
Wood

CROSSICORE™ LIGHTWEIGHT - CONSTRUCTION BOARDS

Status: 01.03.2022

	CrosslCORE™ GR
STRUCTURE	HEXAGON
THICKNESSES*	10, 15, 20mm
TOLERANCE THICKNESS	+/- 0,3mm
MEASUREMENTS*	1200 x 2400mm
TOLERANCE MEASUREMENTS (LENGTH AND WIDTH)	+/- 5mm

*Further thicknesses and measurements possible after consultation

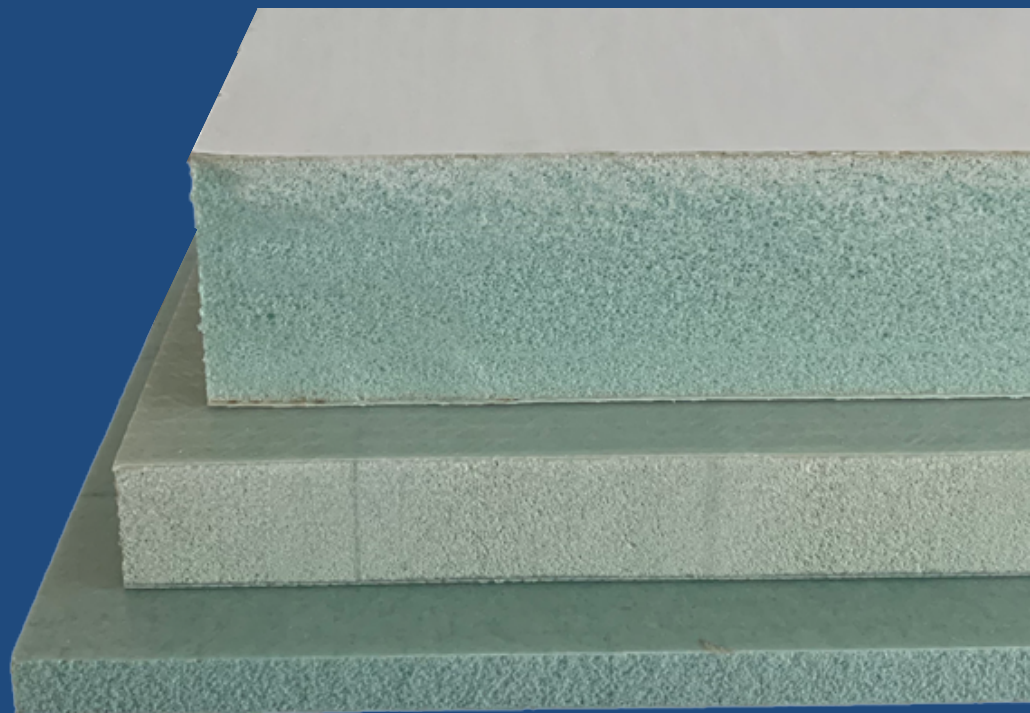


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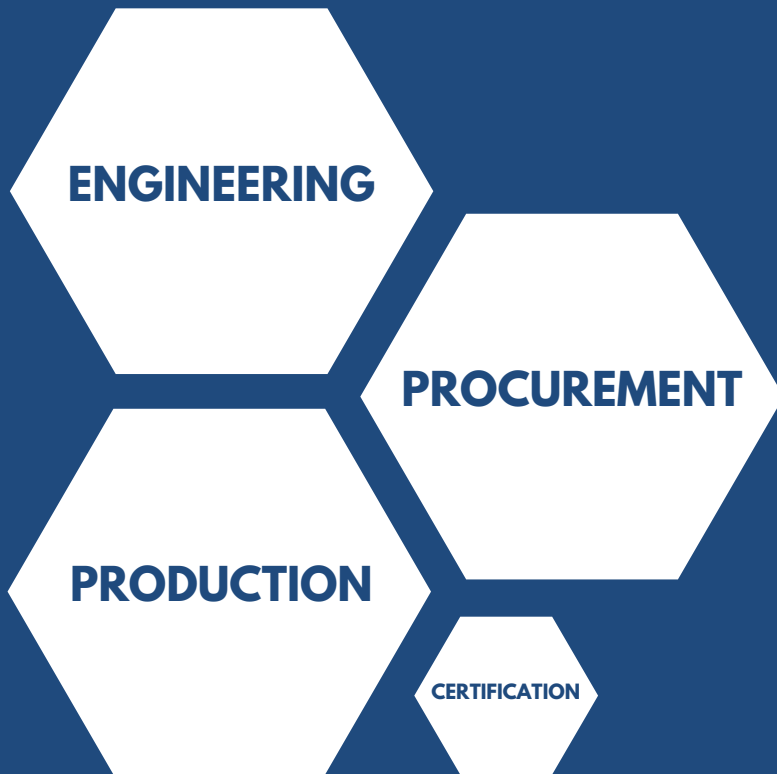
	Cross CORE™ GR IT light
STRUCTURE	NONE
THICKNESSES*	22, 24, 25mm
TOLERANCE THICKNESS	+/- 0,3mm
MEASUREMENTS*	1200 x 2440mm
TOLERANCE MEASUREMENTS (LENGTH AND WIDTH)	+/- 5mm

*Further thicknesses and measurements possible after consultation



3D|CORE™

all around composites



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