



EXPAND YOUR POSSIBILITIES

PET FOAM CORE - THE LIGHTER, HIGHER PERFORMING ALTERNATIVE TO WOOD

Gurit PET structural foam core is ideal for use in panel applications where low weight, moisture resistance and durability is required, such as doors, countertops, cabinetry, furniture, trailer floors and RV interiors.

FEATURES:

- Moisture Resistant
- Lightweight
- Thermally Insulative
- Structural
- Easily machined
- Sustainable



WHY CHOOSE PET STRUCTURAL FOAM CORE?

OUTSTANDING PERFORMANCE

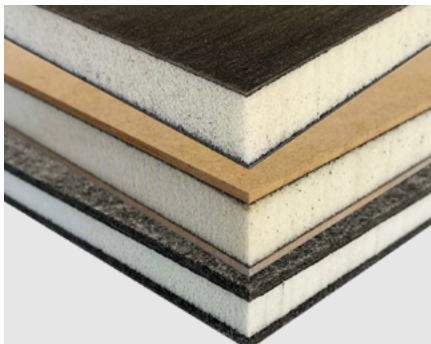
- Thermoplastic closed-cell core, mitigating rot, decay, and insect damage in moist and humid environments.
- Exhibits excellent shear and compression performance, making it suitable for structural applications.
- Lightweight and easier to handle, ideal for flatpacked designs, resulting in reduced logistics and improved energy efficiencies.
- Superior acoustic and thermal performance.
- Meets ASTM E84 Class A*

GREATER VERSATILITY

- Can be thermoformed into complex shapes.
- Easily machined, extending the life of your tools.
- Withstands high temperatures during processing and service life.
- Density: 80 - 300kg (4.99 - 18.73 lb/ft³)
Thickness: 5 - 200mm (0.2 - 8")
Sheet dimensions: 1220 x 2440 - 3048mm (4 x 8 - 10').

*depending on density and thickness.

**depending on density.



Over 350 plastic bottles are recycled in every sheet of 25mm PET 100 kg/m³.



PET meets ASTM E84 Class A*.

2x

PET has 2-3 times the thermal insulation of plywood**.



A laminated PET panel can offer the same as or greater screw retention than a plywood sheet, with a 50% weight saving.

CREATING SUSTAINABLE SPACES WITH GURIT PET

When making panels for lightweighting and moisture-sensitive applications, such as garage doors, walls, window fittings, counter tops and cabinetry, incorporating recycled PET into your panels offers improved installation efficiency, moisture resistance, durability and freedom of design.



DRIVE SUSTAINABILITY WITH GURIT PET

PET materials are the answer to the lightweighting demands of the transportation industry. By incorporating PET in panels for RVs or truck trailers, you will decrease weight and increase fuel/energy efficiency, as well as reduce maintenance requirements and improve thermal insulation.



APPLICATIONS

Thermal bridge-free installation of windows and balcony doors (according to DIN4108 – Supplement 2)

walls in wet and damp rooms

Door inserts for wet rooms

Windowsill connection profiles

Window frame extensions

Window & door base junctions

Front Doors

Carrier boards for plaster, tile and gypsum

Tile & kitchen counters

Secure connection of insulation to concrete upstands

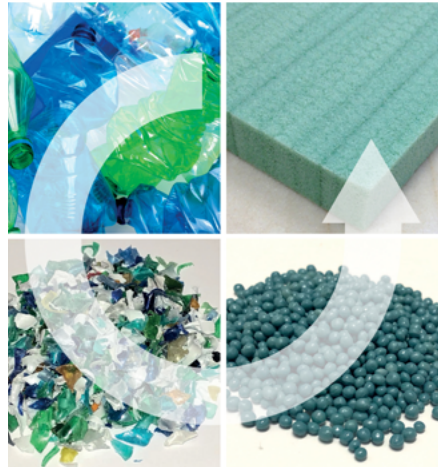
Wallboards

OTHER APPLICATIONS: Sub-roof



THE LOW-FOOTPRINT ALTERNATIVE

- Offers durability and a longer lifespan due to its inherent properties.
- Made from up to 100% recycled PET, mainly sourced from a broad range of post-consumer plastic bottles, reducing waste going to landfill.
- Recyclable - Gurit recycles its PET waste back into its production process.
- EPD certified



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www.gurit.com/contact



PET is manufactured in North America by Gurit, a global leader with over 30 years' experience supplying advanced composite materials to demanding applications.

