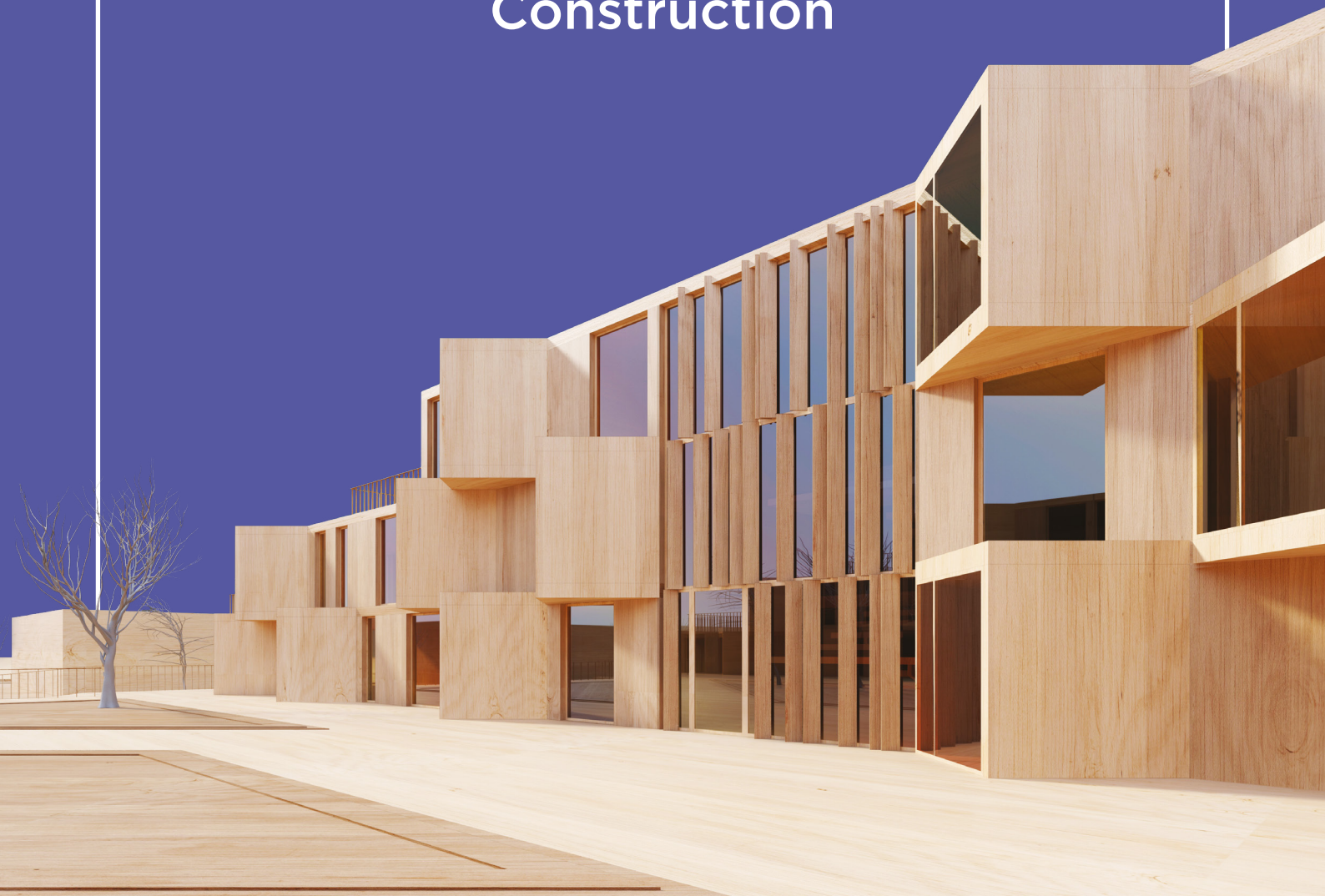




PROJECT PORFOLIO

Commercial and Residential
Construction





At the APM, materials meet designers, engineers, fabricators, and installers. Together, we transform materials into ultra-performing structural panels, parts, and components. At APM, we select the finest materials and supporting materials to produce products and solutions for residential and commercial building structural, thermal, and acoustic insulation projects. As experienced professionals in the field, we understand each project is unique, and because of that, we select materials and components based on project specifications and technical requirements. No matter the project's complexity, we have the necessary materials and expertise to complete a project efficiently.



At APM, we offer our clients a complete turnkey solution from materials selection to design, fabrication, testing, certification, and installation.

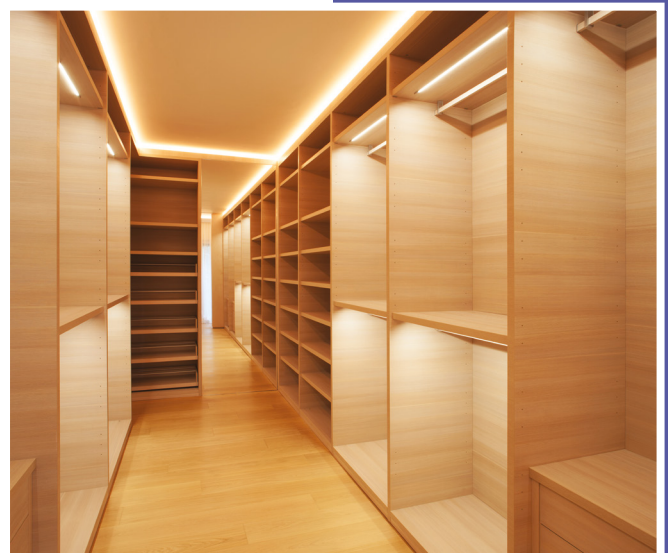
We offer a range of products and services for residential, general, and commercial construction industries. The materials and components used in various development projects are sustainable, lightweight, fire retardant, 100% recyclable, EPD certified, and meet necessary regulatory requirements. Most structural core materials used in our products and solutions are manufactured

in-house, and supporting materials are sourced domestically, depending on the project specification and scope of work. Because of that, we can meet the highest quality and safety standards for any development project. All our raw materials meet industry standards and requirements.

PRODUCTS & SOLUTIONS:

Structural thermal insulation project

- ✔ Aluminum laminated PU and PIR foam core-based structural thermal insulation materials, panels, and components—project-specific custom cutting and fabrication of thermal insulation panels, components, and large interior and exterior structures.
- ✔ Custom fabrication and mass production of PET and PP laminated Cellulose, PU, and PIR foam core-based structural thermal insulation interior and exterior panels and large structural components.
- ✔ Project-specific custom fabrication and mass manufacturing of PLA and biopolymer laminated PU, Cellulose, and PIR foam core-based structural thermal insulation panels and large components for interior insulation projects.
- ✔ Custom manufacturing of glass fiber and carbon fiber laminated cellulose, PU, and PIR foam core-based thermal insulation sandwich composite panels and structures for interior and exterior insulation projects.
- ✔ Custom fabrication of HPL Phenolic laminated Cellulose, PU, and PIR foam core-based structural thermal insulation panels and large interior and exterior structures.
- ✔ Fabrication and production of Gypsum sheet and Plywood laminated PU, PIR, and Cellulose foam core-based structural thermal insulation panels and large interior components.
- ✔ Thermoforming and mass production of structural thermal insulation interior and exterior components.
- ✔ Structural insulation materials testing, standardization, and certification according to local standards.

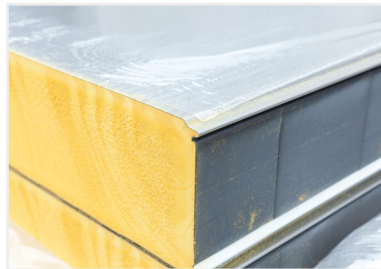


Material Specification:

- ✓ 100% recyclable and sustainable.
- ✓ Minimum carbon footprint, sustainable materials processing.
- ✓ Lightweight, excellent strength-to-weight ratio.
- ✓ Exceptional mechanical and physical strength.
- ✓ Ultimate thermal and heat insulation.
- ✓ Excellent temperature and pressure stability.
- ✓ Standardized flame and smoke retardancy.
- ✓ No water and moisture absorption.
- ✓ Excellent UV stability.
- ✓ Extreme weather resistant.
- ✓ Excellent service life.
- ✓ Meet EPA sustainability standards.
- ✓ EPD, LCA, and DNV-GL certified.
- ✓ Meet US, Canada, and EU regulatory requirements.
- ✓ Easy installation and minimum maintenance.
- ✓ Excellent physical stability in hot and cold environments.
- ✓ Manufactured in USA.



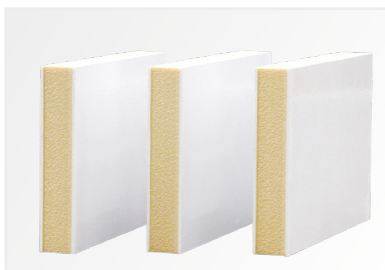
Thermal insulation
PU/PIR foam sheet



Thermal insulation panel
Aluminum laminated PIR



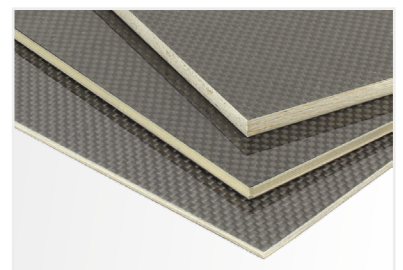
Thermal insulation panel
Polyester film laminated PIR



Thermal insulation panel
PET laminated PU/PIR



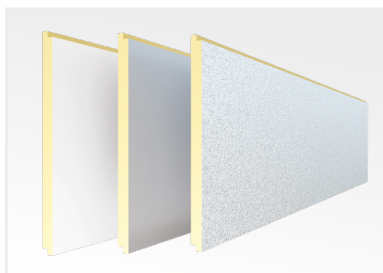
Thermal insulation panel
PP laminated PIR



Thermal insulation panel
Carbon fiber-foam composite



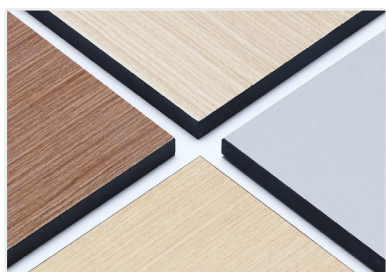
Thermal insulation panel
HPL Phenolic-foam composite



Thermal insulation panel
Thermoplastic laminated PIR



Thermal insulation panel
HPL laminated PU



Thermal insulation panel
HPL laminated cellulose foam



Thermal insulation panel
Plywood-foam composite

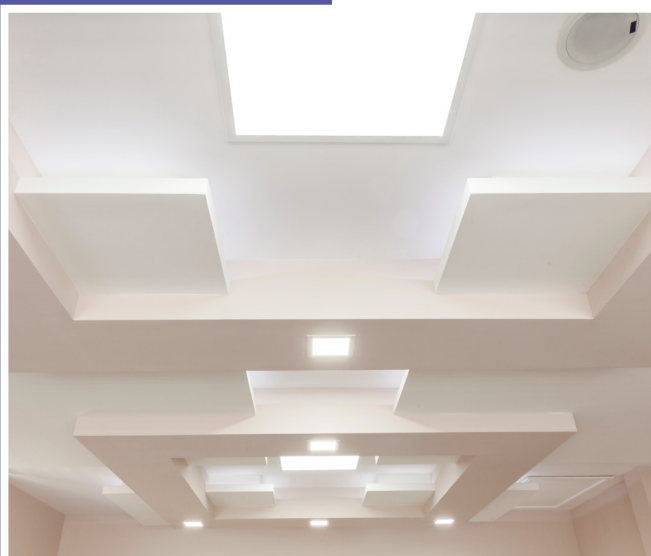


Thermal insulation panel
PIR-Plywood-HPL composite

PRODUCTS & SOLUTIONS:

Structural noise and acoustic insulation project

- ✔ Project-specific custom fabrication of Wood fiber, Balsa, and Cellulose foam-based noise, acoustic insulation panels, and large interior structures.
- ✔ Fabrication and mass production of Polyester film laminated fiberglass composite sheets and structures for interior sound insulation projects.
- ✔ Custom fabrication and manufacturing of Polyester and Fiberglass laminated Wood fiber, Balsa, and Cellulose foam core-based structural noise and acoustic insulation panels and large structures.
- ✔ Project-specific custom fabrication of Polyester film laminated PET, Cellulose, and PU foam core-based noise insulation panels and components.
- ✔ Custom fabrication and mass production of HPL Phenolic laminated Cellulose, wood fiber, and PET foam core-based sandwich composite acoustic insulation panels and components.
- ✔ Fabrication and mass manufacturing of PLA and biopolymer laminated Wood fiber, PU, and Cellulose foam core-based noise insulation panels and large structures.
- ✔ Custom fabrication and mass production of EVA-Cotton fabric laminated Wood fiber, Cellulose, and PET foam core-based sound insulation-absorption sandwich composite panels, parts, and components.
- ✔ Custom fabrication and mass production of Wood and Plywood laminated Wood fiber, Cellulose, and PET foam core-based sound insulation-absorption sandwich composite panels, parts, and components.
- ✔ Thermoforming and mass production of noise and acoustic insulation interior panels and components.
- ✔ Structural noise and acoustic insulation materials testing, standardization, and certification according to local and industry standards.



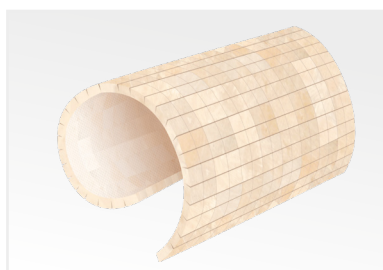


Material Specification:

- ✔ 100% recyclable and sustainable.
- ✔ Minimum carbon footprint, sustainable materials processing.
- ✔ Exceptional mechanical and physical strength.
- ✔ Lightweight, excellent strength-to-weight ratio.
- ✔ Ultimate noise and acoustic insulation.
- ✔ No water and moisture absorption.
- ✔ Excellent thermal and heat stability.
- ✔ Extreme weather resistant.
- ✔ Standard fire retardancy.
- ✔ EPD, LCA, and DNV-GL certified.
- ✔ Meet US, Canada, and EU regulatory requirements and standards.
- ✔ Easy installation and minimum maintenance.
- ✔ Manufactured in USA.



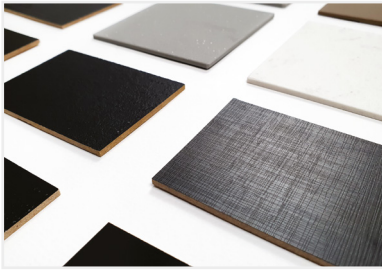
Noise blocking
Wood fiber sheet



Acoustic insulation
Balsa wood core

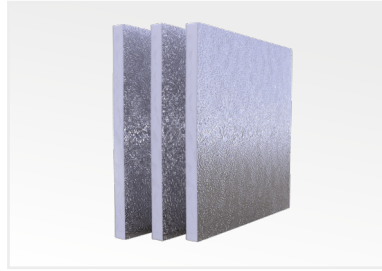


Sound blocking
PET foam core



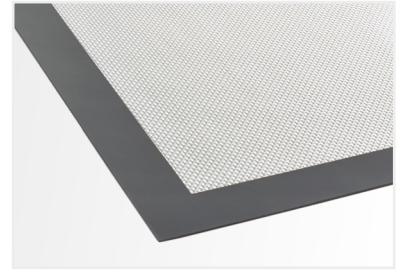
Sound insulation/blocking panel

Polyester film laminated wood fiber



Acoustic insulation/blocking

Polyester film laminated PET foam



Sound blocking

Polyester film laminated glass fiber



Noise blocking/insulation

Biopolymer laminated Balsa wood



Sound insulation

PLA laminated wood fiber



Acoustic blocking

Cotton laminated wood fiber



Sound blocking

Cotton laminated PET foam



Noise blocking

Wood fiber-foam composite



Acoustic blocking

HPL- wood fiber composite



Sound blocking

ceramic composite panel

PRODUCTS & SOLUTIONS:

Interior and exterior structural projects



- ✔ Project-specific custom cutting and fabrication of PVC, PET, PU, and Cellulose foam core-based structural panels, large parts, and components for interior and exterior projects.
- ✔ Fabrication and mass production of PET and PP laminated Cellulose, PVC, PET, and PU foam core-based interior and exterior structural panels and large parts of any dimensions.
- ✔ Project-specific custom cutting, fabrication, and mass manufacturing of PLA and biopolymer laminated PU, Cellulose, PVC, and PET foam core-based super-structural interior panels and large components.
- ✔ Custom fabrication and production of glass fiber and Carbon fiber laminated Cellulose, PU, PVC, and PET foam core-based super-structural sandwich composite panels and large structures.
- ✔ Custom manufacturing HPL Phenolic laminated Cellulose, PU, PVC, PET foam core-based structural sandwich composite panels and large interior and exterior structures.
- ✔ Fabrication and production of Synthetic wood and Plywood laminated PU, PET, PVC, and Cellulose foam core-based structural panels and large structures.



- ✔ Fabrication and mass production of aluminum laminated PVC, PET, and PU foam core-based interior and exterior structural composite panels and large parts of any dimensions.
- ✔ Thermoforming and mass production of super-strength structural parts and components for interior and exterior projects.
- ✔ Structural materials testing, standardization, and certification according to local standards.

Material Specification:

- ✓ 100% recyclable and sustainable.
- ✓ Lightweight, excellent strength-to-weight ratio
- ✓ Minimum carbon footprint, sustainable materials processing.
- ✓ Remarkable tensile and compression strength.
- ✓ Exceptional mechanical and physical strength.
- ✓ No water and moisture absorption.
- ✓ Excellent thermal and heat stability.
- ✓ Extreme weather resistant.
- ✓ Standard fire retardancy.
- ✓ Excellent service life.
- ✓ EPD, LCA, and DNV-GL certified.
- ✓ Meet US, Canada, and EU regulatory requirements and standards.
- ✓ Easy installation and minimum maintenance.
- ✓ Excellent cold and hot weather resistance.
- ✓ Manufactured in USA.



Structural material
High-density PVC foam board



Structural core
Epoxy-coated Balsa wood



Structural material
Aluminum pane



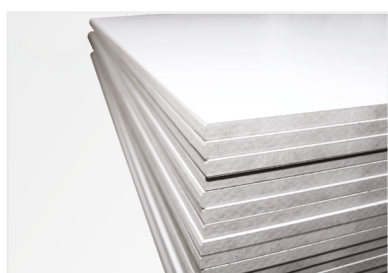
Structural material
Phenolic panel



Structural material
HPL laminated panel



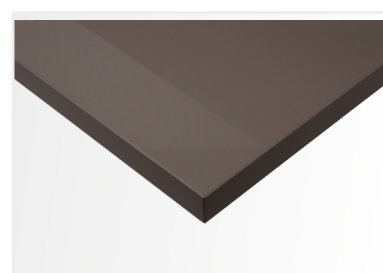
Structural panel
PP laminated PVC foam core



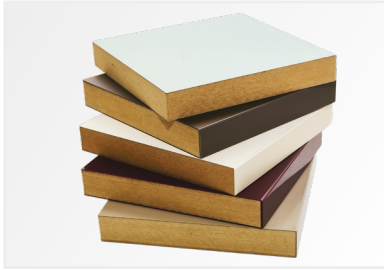
Structural material
Thermoplastic laminated gypsum panel



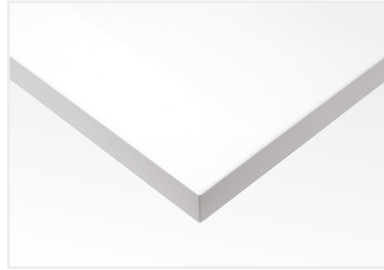
Structural panel
Synthetic wood laminated PVC foam core



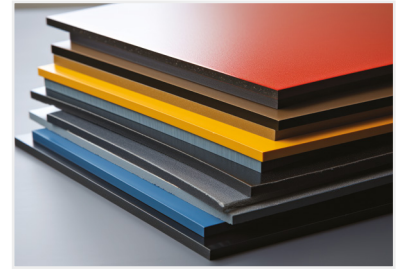
Structural panel
Biopolymer laminated wood panel



Structural panel
HPL laminated wood panel



Structural panel
HPL laminated PET foam core



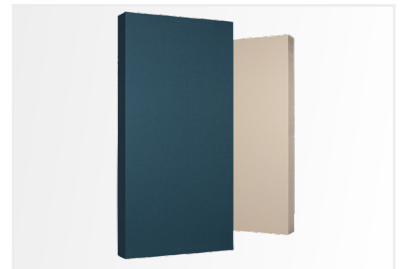
Structural panel
PET laminated PVC foam core



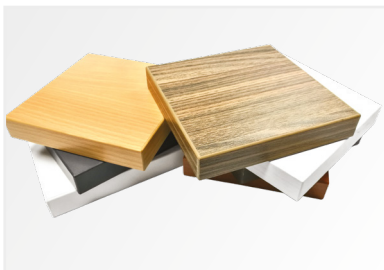
Structural material
Phenolic laminated wood panel



Structural material
Synthetic wood-foam core composite



Structural material
PLA laminated PVC foam core



Structural material
HPL laminated PVC foam core



Structural material
Plywood laminated PET foam core



Structural material
Aluminum-high-density PVC composite



Structural panel
Aluminum-PET composite




Structural material
PVC foam core




Contact:

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