



PANERA BREAD

MENTOR, OH, USA

ARCHITECT PSA ARCHITECTURE/ PHILLIPS SEKANICK

INSTALLER PODOJIL BUILDERS

APPLICATION MANUFACTURING

TYPE NEW CONSTRUCTION

YEAR 2020

PRODUCT

SPECTRUM FAÇADES

FASTENING SYSTEM

SPECTRUM FACADES AND
SPECTRUM UNITY

**PHENOLIC PANEL
DECORS USED**

TRESPA® METEON

NW02
ELEGANT
OAK

SPECTRUM
FAÇADES



Panera Bread is an American chain store of bakery-café fast casual restaurants with over 2,000 locations, all of which are located across the United States and Canada. Its headquarters are in Sunset Hills, Missouri. The company operates as Saint Louis Bread Company in Greater St. Louis, with over 100 locations. Bakery-café fast-casual restaurant locations are on the rise; offering healthier eat-in or take-home options with freshly baked bread, homemade soups, and salads that are prepared using fresh produce.

Dine-in locations offer “warm environments that guests have come to expect,” says Mikey Naučas, the director of store design for Panera Bread. And “the wood look of the material works well with the rich brick and vibrant brand colors”

Very easy-to-maintain exterior surfaces that are neither painted, sealed, or caulked along with fade-resistant finishes are critical aspects to the brand owner who finds the colorful exterior options

available with compact HPL panels beneficial when using exterior cladding to identify their brand.

DESIGN ASSIST SUPPORT:

Designers that create brand awareness for their clients through the selection of building materials seek the expertise of local suppliers to propose solutions that are beneficial to the design, the environment, and most importantly; their client. Taking into account the benefits of the ATS’ design assist program; Spectrum product reps offer in-depth knowledge to the design professional on how best to achieve high-yield and low-waste cost-effective solutions.

Siding products have become one of the most cost-effective options for cladding solutions and design professionals are leading the way by selecting siding products that are budget conscious, offer design versatility, meet current trends for environmentally friendly solutions,

will not impact their clients’ operational costs throughout the building’s facade life expectancy.

As the trend towards sustainability gains more popularity in building design, brand owners are looking for quality products to replace low-cost alternatives that demand expensive annual maintenance to meet warranty requirements.

Spectrum Unity fastening systems were developed with cost efficiencies in mind and are rated as one of the easiest systems to use by installers in the field, when coupled with durable compact exterior grade HPL panels, the system approach is among the most durable offering total design freedom for branding the exterior of the building.

SUSTAINABILITY

At the heart of our environmental product strategy, Spectrum focuses on four key elements:



DURABILITY

- Our main driver of environmental sustainability is durability.
- By needing fewer replacements, long-lasting products entail less use of resources, lower emissions of pollutants, and a smaller amount of waste than short-lifespan goods.
- Additionally, our products' long expected useful life is complemented by low maintenance levels.

LOW-CARBON MATERIALS

- Our phenolic panel inputs have robust Environmental Product Declarations (EPD) and are evaluated using Life Cycle Analysis (LCA).
- We use panels made from 70% wood fibers sourced from sustainable forests. As such, Spectrum products act as a natural source of carbon capture.



LOW CARBON MANUFACTURING PROCESS

Spectrum's manufacturing process focuses on reduction of CO² emissions through 3 key strategies.

- Sustainable sources of power.
- Lowering overall energy consumption.
- Reduction of waste through panel optimization.

END-USER SAFETY

- Spectrum products have low VOC (Volatile Organic Compounds) emissions, contributing to a healthier environment. Green Guard Gold certifications available.
- The inherent properties of phenolic panels do not contribute to mold or bacterial growth and are safe for food-grade applications.



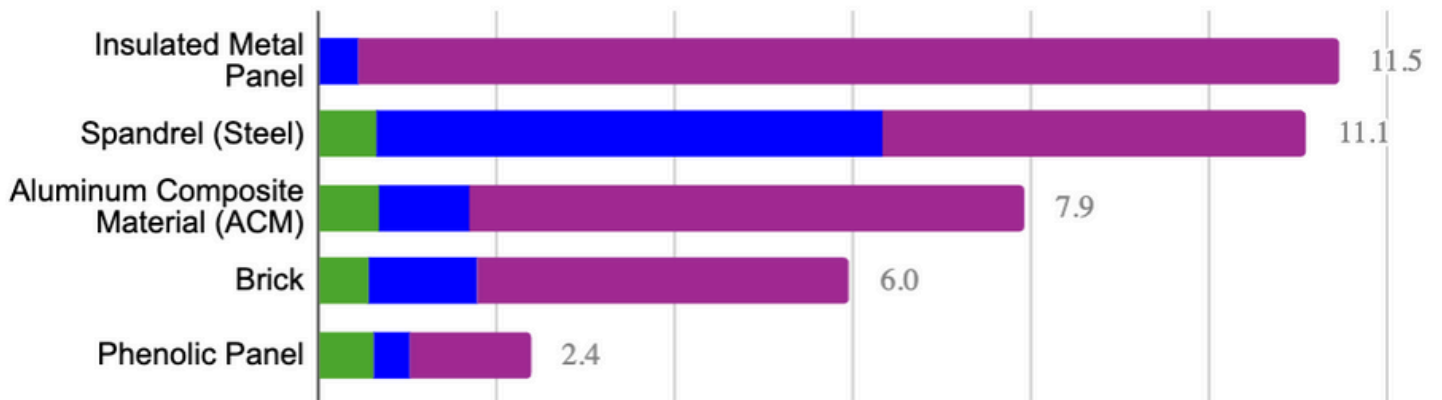


SUSTAINABILITY

Spectrum Façade panels are made of 70% wood fiber. The raw material is both renewable and a natural carbon capture sourced from suppliers holding FSC or PEFC™ certification. Complete Life Cycle Analysis (LCA) and Environmental Product Declarations (EPD) are available for our core components. Local production and fabrication in North America result in a lower overall carbon footprint. Electricity used in processing is generated primarily by low-carbon sources.

LOWER EMBODIED CARBON THAN OTHER FACADE SYSTEMS

Facade Wall Assemblies - Global Warming Potential (GWP kgCO₂eq/sf)



SOURCE: PAYETTE. KALEIDOSCOPE: EMBODIED CARBON DESIGN TOOL - JULY 2024

10 YEAR PRODUCT WARRANTY

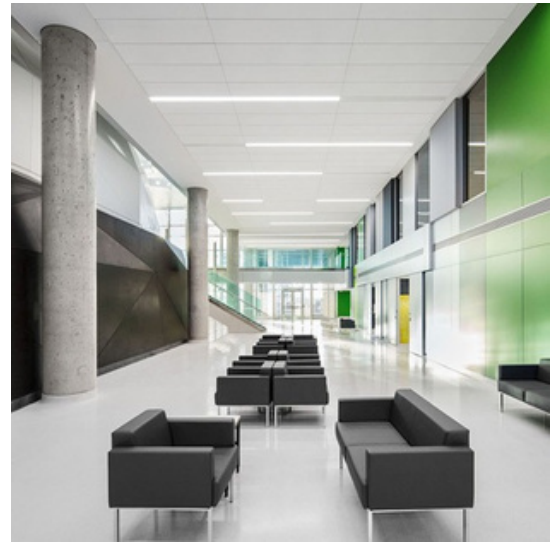


ABOUT SPECTRUM

We Manufacture Solid Phenolic Architectural Products



FACADES



WALL LININGS



LOCKERS



SCIENTIFIC WORK SURFACES

We leverage the material advantages of solid phenolic panels to create products with a focus on design freedom, sustainability and category leading performance. Built to withstand the test of time, our solutions enhance the aesthetics of buildings and provide long-term value to building owners.

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SPECIFICATIONS & DETAIL DRAWINGS AVAILABLE

SPECTRUM-BUILT.COM