



SKATING CLUB OF BOSTON

NORWOOD, MA, USA

ARCHITECT NORTH BRIDGE BUILDING PRODUCTS

INSTALLER CENTURY GLASS

APPLICATION SPORTS & RECREATION

BUILD TYPE NEW CONSTRUCTION

USE FACADES

YEAR 2020

PRODUCT SPECTRUM FACADES

FASTENING SYSTEM TS210

PANEL TRESPA® METEON®

DECORS USED

NW02
ELEGANT
OAK

CASE STUDY - SPORTS & RECREATION



The Skating Club of Boston® located in New England features an ultramodern training facility with plans to last for another century! This iconic figure skating club was relocated to Norwood, Massachusetts about 20 miles southwest of downtown Boston. The now 180,000 square-foot building is where communities come together to watch athletes grow and commit to excellence of skating.

Construction started in 2019 where the three-rink training facility and performance center began to transform into a place where recreational skaters and Olympic hopefuls could take part in their passion.

The designers had envisioned a beautiful wood paneling on the exterior of the building which would present a great contrast to the charcoal and white palette. The subtle but important architectural elements added were the TS210 Concealed Fastening on an Aluminum Subframe System, creative more cohesiveness and unity amongst colors.





The chosen color was Trespa® Meteor® NW02 Elegant Oak. Combining the aesthetics of different textures, structures, materials, and colors of the Skating Club resulted in extraordinary visuals.

Thanks to Trespa's decorative high-pressure compact laminate (HPL), the structure can now sustain harsh weather due to the integral surface manufactured using Trespa's unique in-house technology, Electron Beam Curing (EBC). Longevity and low maintenance costs being an additional bonus for a place housing some of the best.



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.



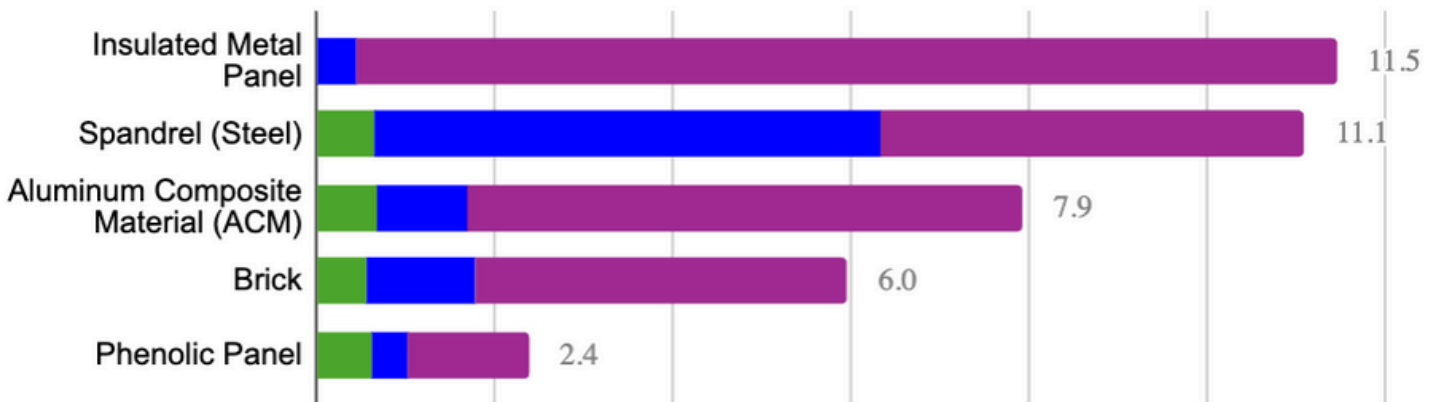


SUSTAINABILITY

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 PEFCM 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

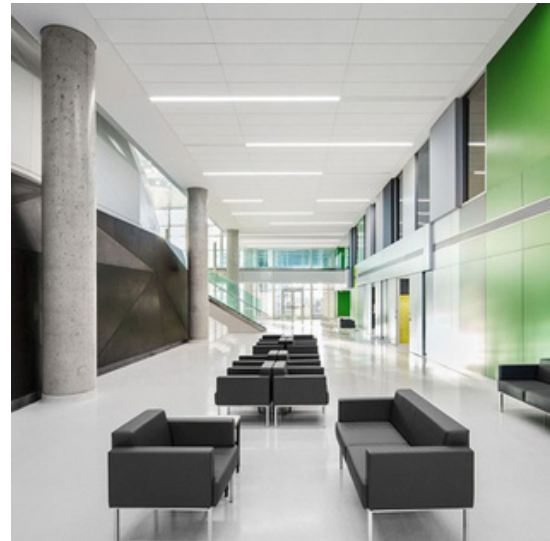


ABOUT SPECTRUM

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