

BUILDING MATERIALS

London is home to a cluster of 80+ building products manufacturers that benefit from a robust supply chain, proximity to major retailers, large engineering firms and specific research and development assets for the building and construction industries.

Everything from windows, doors, roof and floor trusses to high-end cabinetry and countertops, office and institutional furniture, cooling ducts and insulation are made in London.

Award-winning brands like [Centennial Windows & Doors](#), [Hyundai Department Store Group](#) and [Canduct Industries](#) are serving domestic and international markets from London.

Infrastructure

- Fully serviced industrial land in London's industrial parks offers valuable assets such as large capacity, high pressure natural gas lines, redundant dual-feed electricity supply, and reliable internet connectivity.
- Building construction activity in London is strong, with over \$1-billion in construction permits issued annually from 2015-18.
- The [Collider Centre for Technology Commercialization](#) provides industrial space, business services and access to contract research, material/product characterization, and testing to help businesses accelerate the development and commercialization of their products.

Research and Development

- The first-of-its-kind [Insurance Research Lab for Better Homes](#) allows researchers to simulate and study realistic damage to full-scale houses from wind, snow and rain within a controlled environment.
- Western University's [Wind Engineering, Energy and Environment Dome](#) (WindEEE) is the world's first hexagonal wind tunnel allowing for wind simulations over extended areas and complex terrain.
- [Surface Science Western](#) (SSW) is a consulting and research laboratory specializing in the analysis and characterization of surfaces and materials. SSW helps clients facilitate development and production, decrease costly returns, innovate processes, and increase profitability.
- Western University's [Centre for Advanced Materials and Biomaterials Research](#) (CAMBR) unites 50+ research groups with strengths in materials synthesis and processing, computation, characterization of structure and properties, surface science and engineering and biological evaluation.
- The [Canadian Centre for Product Validation](#) (CCPV) serves the Building Materials sector with multimodal testing to address areas of uncertainty in critical interfaces, product validation for material suppliers and structure providers, field testing of building materials and staff with experience in the development and validation of

structural components. CCPV offers support from product concept and viability to commercialization strategies, process review and development.

- The [Bluewater Wood Alliance](#) is a not-for-profit wood manufacturing cluster offering joint projects in skills development, technology transfer, export development, and experiences exchanges to southwestern Ontario businesses.

Talent

- Fanshawe's [Donald J. Smith School of Building Technology](#) offers programs in building product, construction, and design for commercial, residential, industrial and institutional projects. Employers can access apprentices, co-op students and recent grads with skills in brick and stone masonry, cabinet making, carpentry and industrial woodworking.
- Western's Engineering's [Mechanical and Materials](#) and [Civil Engineering](#) programs provide a strong knowledge base in core areas of production management, materials science, structural theory and design, structural dynamics and finite element design.