



WAUSAU

WINDOW AND WALL
SYSTEMS

LAPD Administration Building AECOM



Right

THE WAY YOU WANT IT

A CAPABILITIES OVERVIEW

ON-TIME DELIVERY
DAMAGE-FREE SHIPMENTS

- Experienced project managers assigned to every project, from bidding through installation.
- Critical path schedules developed and kept current through submission, approval and manufacturing.
- Electronic document transfer, including extensive experience with collaboration software, such as Constructware® and Navisworks®.
- Architectural and code authority support, and consultant relationships, help ensure prompt approval.
- In-house custom color paint blending.
- In-house video conferencing capability for project updates.
- Engineering and manufacturing capacity to handle even the largest projects, and the most aggressive delivery schedules.
- Fully-sequenced project break-outs, from applications engineering through shipment, coordinated with installation requirements.
- Shipping on Wausau's fleet of trucks to minimize "common carrier" LTL delays and damage.
- Advance notification of delivery method and time.
- LEED® submission support, high recycled aluminum content.



901 K Street Washington, DC SmithGroup

PRODUCT PERFORMANCE
EASE OF INSTALLATION

- Pre-bid design engineering to ensure proper product selection.
- Revit® BIM modeling available for design and project execution.
- Fully-staffed project engineering teams, with over 1000 years combined experience in design for ease of installation.
- Wausau-guaranteed field measuring for custom-engineered window renovations. Layout and installation support.
- Licensed, registered professional engineers for in-house structural calculations.
- Complete thermal performance analysis capabilities for U-Factor, condensation resistance, solar heat gain, and daylighting.
- A complete line of NFRC-labeled window products.
- NFRC Component Modeling Approach (CMA) Approved Calculation Entity (ACE) modelers on-staff.
- In-house finite element thermal modeling expertise.
- Seismic design and analysis, including extensive State of California OSHPD experience.
- Hurricane impact testing and code interpretation support.
- Design for blast hazard mitigation per GSA Security Design Criteria or Department of Defense Unified Facilities Criteria.
- Acoustical performance optimization.



BRAC Air National Guard Camp Springs, MD CH2MHill

SUNY Administration Building Albany, NY Architecture Plus



380,000 square-foot Wausau Manufacturing Center certified as LEED®-Silver by the US Green Building Council in 2009.

100,000 square-foot Stratford (Wisconsin) Manufacturing Center supports Advantage by Wausau.

Wireless factory floor “thin clients” for electronic information transfer, allowing instant status reporting and revisions.

Award-winning safety performance.

Automated dual-head sawing equipment, and five-axis CNC machining centers for close-tolerance cutting and machining of specialized work.

Overhead crane coverage throughout manufacturing areas for large, heavy units, facilitating speed of installation.

Flexible packaging to meet jobsite handling and distribution needs: crated, palletized, or packed with minimum dunnage.

Photo documentation of every outgoing load.

A 10-year culture of Six Sigma continuous quality improvement and Lean Manufacturing waste reduction.

CAPABLE MANUFACTURING
EFFECTIVE PACKAGING

1800 Larimer Street Denver, CO RNL



Revision-controlled enterprise-wide quality assurance documentation, including SOPs, Critical Business Practices, Quality Standards, Records and Logs.

Apogee sibling business unit Linetec provides 100% of aluminum finishing and thermal barrier, for quick turn and highest quality. Licensed through the PPG Certified Application Program (PPG/CAP).

Shear strength testing on polyamide thermal barriers ensures flexural stiffness and water resistance.

Frequent in-process material quality audits.

Compatibility and adhesion testing on every structural silicone glazed project.

Glazing details reviewed and approved by insulating glass fabricators.

Annual associate training and certification in critical sealing and glazing skills.

Production line inspection and water testing of glazed window products and sub-sills before shipment. Complete records are available to each project's building team.

Wausau offers an industry-leading limited warranty of up to 10-years. Material and maintenance bonding available upon request.



QUALITY ASSURANCE
UP TO TEN-YEAR LIMITED WARRANTY

OPERABLE AND FIXED WINDOWS
CURTAINWALL PRODUCTS

All operable windows and terrace doors are AAMA Architectural (AW) Performance Class, including life-cycle testing for long-term durability.

Competitive standard casement, awning and hopper vent projected windows, pre-engineered for quick delivery through Advantage by Wausau.

Historically-influenced renovation windows, panning and muntin grids.

Hurricane impact-tested, blast hazard mitigating, psychiatric and detention windows.

Integral between-glass blind options.

U-Factors as low as 0.21 BTU/hr.sqft. °F.

Thermal barrier unitized curtainwall systems to meet Model Energy Codes in any climate zone.

Unitized curtainwall anchors can be adjusted after hoist rigging removal, to minimize field labor.

Clear Story™ sun shades and light shelves enhance energy efficiency, and integrate seamlessly with Wausau wall systems.

Wausau SuperWall™ ships in three weeks, in any color.

Complementary storefront and entrance systems available



Carolinus Medical Center Charlotte, NC Karlisberger



OVER FIFTY YEARS OF SUCCESS
and CUSTOMER PARTNERSHIP

Wausau Metals began in 1956, and became Wausau Window and Wall Systems in 1999.

Focused on windows and curtainwall for commercial and institutional construction applications, health care, governmental, education and high-rise residential.

Working closely with architects, building owners and contractors, to realize their vision for aesthetic beauty, sustainability and lasting value, Wausau strives to maintain the highest level of customer service, communication and overall satisfaction.

Wausau offers an industry-leading limited warranty of up to 10-years.

Wausau is an Apogee Enterprises business unit. Stock symbol APOG on the NASDAQ exchange.



Wausau INvent™ 2250i-XLT Awning Vent



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