

Facade Consulting

From initial concept to full completion, DeSimone's Facade Consulting Practice investigates, evaluates, prepares design solutions, and provides construction administration for exterior building facade components, including roofs, walls, windows/glazing, and waterproofing. Our practice draws upon decades of experience in the built environment for some of the world's tallest and most elaborate structures. We collaborate closely with architects, owners, and developers at all project phases to deliver facade and building envelope systems that address architectural intent, long-term performance, sustainability, scheduling, and budget objectives.

Evaluation And Repair Design

- Hands-On Investigation and Survey, NDT Testing
- Air/Water Leak Investigation
- LL11 FISP Reports; LL92/94 Green and Solar Roofs
- Due Diligence, Review and Condition Assessment
- Forensic Evaluation, Remedial Repair, and Analysis

Design Phase Services

- Envelope System Repair Design, Engineering, and Analysis
- Condensation resistance and Thermal Performance Analysis
- Roofing and Waterproofing Repair Design
- Budget and Estimate Review

Procurement Phase Services

- Bid Review and Negotiation Assistance
- Design Assist Process and Design Build Services
- Value Engineering

Construction Phase Services

- Hands-On Field Inspections
- Construction Administration, Shop Drawings, and Submittal Review
- Visual Mock-ups and Performance Mock-ups Review
- Quality Assurance, Shop Monitoring
- Special Inspections

Building Enclosure Commissioning (Becx) Services and Retro-Commissioning (Rcx)

- Early Phase Design Coordination
- Additional Design and Submittal Review
- Site Inspections
- Field Testing
- System Manual Review
- Verification of Occupant and Operator Training
- Post-Occupancy Operation Review

