



WEIDLINGER ASSOCIATES® INC

CONSULTING ENGINEERS

Weidlinger Associates, Inc.

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Product Line / Service Description

- Buildings
- Bridges
- Infrastructure
- Applied Science
- Security
- Investigations

Weidlinger Associates (WAI) is a renowned structural engineering firm specializing in buildings, bridges, infrastructure, security, and applied science. With a staff of more than 300, the firm has seven U.S. offices and an office in the United Kingdom.

WAI's applied science division has earned the firm a unique identity for its approach to the study of structure through theory, analysis, and practice. Since the 1950s, WAI has led the way in the study of blast, shock, impact, and vibration effects. In recent years, the scope has broadened beyond military structures to include unhardened or lightly hardened public and civilian buildings.

Improvements in the ability to analyze glass enabled WAI to develop a "balanced window system" to replace the GSA standard of thick windows with rigid frames. The new system, now the industry standard, was used to design blast-resistant curtain walls for the Las Vegas Federal Courthouse and the new Oklahoma City Federal Building.

WAI's risk management services help clients understand and use the results of comprehensive risk assessments to make critical decision, including site selection, resource allocation, rehabilitation and retrofit, financial risk transfer, disaster response and recovery, and establishment of design criteria for new infrastructure.

Products applicable for the following protective glazing applications:

- Blast Resistance
- Seismic