

Laminated Glazing Reference Manual

2009 Edition



GANNA

GLASS ASSOCIATION OF NORTH AMERICA

The Voice of the Glazing Industry

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Disclaimer

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The standards referenced in the *Laminated Glazing Reference Manual* are under the jurisdiction of third-party organizations and agencies and are constantly subject to review and revision. The standards and similar documents referenced in this Manual are those in effect as of March 1, 2009. The Manual user should refer to, consult, and comply with the most recent edition of the referenced standards.

I. Preface

This Manual is an educational tool as well as a guide to clarify and assist in the proper selection and specification of laminated architectural glazing materials. It is intended for use by architects, designers, engineers, component manufacturers (e.g., windows, doors, solariums, skylights, shower enclosures), and installers of laminated glazing materials in buildings.

This Manual provides both a broad scoped and detailed understanding of laminated architectural glazing materials. Laminated glass usage, performance characteristics, engineering information and technical data, design opportunities, as well as how to handle, install, and specify the products are addressed within.

This Manual is reviewed and revised on a regular basis by members of the Laminating Division of the Glass Association of North America. Procedures for submitting new information for consideration during the revision process are contained in Section XIV, Guidelines for Reference Manual Submittals, page 103.

This Manual does not contain all of the information available from all sources regarding the subjects presented. Additional information should be sought from manufacturers' literature and applicable standards, codes, and other regulations. Specifically, a review of all national, state and local building codes pertaining to glass safety and proper applications should be completed in order to identify all governing requirements and to assure product compliance.

Except where specifically noted (i.e. footnotes, tables, charts), all standards referenced in this document are intended to be the latest available edition of such standards available at the time of publication.

The Glass Association of North America

The Glass Association of North America (GANA) represents the production, fabrication, distribution and installation segments of the glass and glazing industry in North America, including suppliers to that industry. GANA has seven Divisions: Building Envelope Contractors, Decorative, Flat Glass Manufacturing, Insulating, Laminating, Mirror, and Tempering and four Councils/Committees: Energy, Fire-Rated Glazing, Marketing and Protective Glazing. Full and affiliate memberships are available to qualified parties. See www.glasswebsite.com for additional information.