



The Flat Glass Marketing Association, Glass Tempering Association, and members of the Laminators Safety Glass Association consolidated to form the Glass Association of North America. We are proud to offer some of the glass industry's most used publications.





# GANA Glazing Manual (2004)

The GANA Glazing Manual is recognized as the definitive source in the glass and glazing field. This manual includes complete information about primary and fabricated glass products, quality standards, design considerations, general and specific glazing guidelines and glazing in hazardous locations. Formerly published by the Flat Glass Marketing Association (FGMA), this manual is frequently referred to as the "industry bible." The 2004 Edition of the Glazing Manual is now available in both hard copy and CD-ROM format. Order your copies today.

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# GANA Project Managers Reference Manual (2005)

The GANA Project Managers Reference Manual provides procedural guide references that begin with the estimating and contract processes, the establishment of the project team, and continue through installation and project close-out. The GANA Building Envelope Contractors Division developed this manual based on many years' experience in the industry. Emphasis is placed on finishing a quality project that adheres to industry standards. The 2005 edition is the inaugural version of this manual.

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# FGMA Sealant Manual (1990)

The FGMA Sealant Manual provides guidelines for the selection and application of sealants used in exterior and interior glass and glazing installations. Manual sections include causes of sealant failures, structural glazing and glazing accessories.

Please Note: You may purchase a photocopy of the Sealant Manual for test purposes only. To order this manual, please contact GANA Headquarters at (785) 271-0208.

Anticipated due date for new version: Early to mid 2008.



## FGMA Fabrication, Erection & Glazing Hours Manual (1992)

The FGMA Fabrication, Erection & Glazing Hours Manual provides a format for the estimation of fabrication and labor hours for architectural glass and glazing storefront and standard wall systems.

Note: This document is available on CD only.

Click here to see the table of contents for this manual.

Members \$10.99 Non-Members \$19.99



# GANA Laminated Glazing Reference Manual (2006) NEW!!

The GANA Laminated Glazing Reference Manual presents useful information, technical and performance data and the installation guidelines for laminated glass products. The 2006 edition includes the latest information on laminating interlayers, as well as in-depth discussions of the applications of laminated architectural glass including: safety, solar control, ultraviolet radiation, sound control, security, sloped glazing & skylights, wind storms & hurricane resistance, and earthquake resistance. Updates on laminated glass strength, cutting, handling and installation are highlighted. This edition also features the up-to-date listing of standards applying to laminated glass.

**Click here** to see the table of contents for this manual.

Members \$35.00 Non-Members \$70.00

# GANA Engineering Standards Manual (2001)

The GANA Engineering Standards Manual includes current technology and standards for tempered glass products. This glass tempering manual is designed to assist manufacturers and users of fully tempered glass, engineers, architects, architectural specifiers and purchasers of tempered glass parts. This manual includes several revisions as well as the addition of sections on Decorative Architectural Flat Glass and Fully Tempered Interior Butt-Glazed Fixed Glass Panels. A section for decorative glass terms is included in the glossary.



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# GANA Fully Tempered Heavy Glass Door and Entrance Systems Design Guide (1999)

This first edition provides authoritative technical information to designers and offers suggestions for proper applications of heavy tempered glass used in doors and entrances. The aim of this guide is to promote good design practices and adherence to appropriate structural standards in fully tempered heavy glass storefronts and entrance design. Good design and adherence to standards serve as a benefit to the architect, glass fabricator, installing contractor, and most importantly, to the end user. The contents of this manual are for the design professional's use in review and final approval.

Note: This document is available on CD only.

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### **Test Methods**

Standard Test Method for In-Plant Measurement of Roll Wave in Heat-Treated Architectural Glass - TD 100-06

Standard Test Method for Center-Punch Fragmentation of Fully Tempered Flat Glass - TD 101-04

Standard Test Method for Ball Drop Impact of Laminated Architectural Flat Glass - LD 100-06

### **Informational Bulletins**

Proper Procedures for Cleaning Architectural Glass Products - GANA 01-0300 <u>Download Bulletin in PDF Format</u> (181 KB)

Flat Glass Industry Standards - GANA 02-0107 <u>Download Bulletin in PDF Format</u> (89 KB)

Differences Between Safety Glazing Standards - GANA 03-0706 <u>Download Bulletin in PDF Format</u> (113 KB)

Suggested Procedures for Dealing with Broken Glass - GANA 04-0906 <u>Download Bulletin in PDF Format</u> (34 KB)

Bullet Resistant Glazing - GANA PGC 01-0707 <u>Download Bulletin in PDF Format</u> (36 KB)

The Top 10 Items Commonly Missing from Fenestration System Shop Drawings - GANA BECD 01-0906 <u>Download Bulletin in PDF Format</u> (34 KB)

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Heat-Treated Glass Surfaces Are Different - GANA TD 02-0402 <u>Download Bulletin in PDF Format</u> (40 KB)

Construction Site Protection -GANA TD 03-1003 <u>Download Bulletin in PDF Format</u> (41 KB)

#### **Other Documents**

Mirrors: Handle With Extreme Care

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Specifiers Guide to Architectural Glass

<u>Download Document in PDF Format</u> (310 KB)



## GANA Blueprint Reading & Labor Estimating Course

This correspondence course is designed for beginning estimators in the contract glazing business. It is intended to provide the beginner with many of the basic facts about the materials used as well as a basic systematic approach to estimating metal, glass and labor. The Blueprint Reading and Labor Estimating Course is now available in both hard copy and CD-ROM format. Order your copies today.

Members \$275.00 Non-Members \$350.00

For more information about this course, click here.



# **GANA Mirror Division How Mirrors Are Made DVD**

This six and a half minute film shows how flat glass mirrors are made. You watch the process from the moment flat glass is placed on the line, through the cleaning and silvering, post-fabrication and shipping. If you have always wanted to know how the magic of mirrors is done, this short film will answer your questions. You may watch this video online for free on the GANA Videos page.

How Mirrors Are Made DVD (NTSC) \$20.00

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