

TEXAS DEPARTMENT OF INSURANCE

Engineering Services Program / MC 103-3A 333 Guadalupe Street P.O. Box 149104 Austin, Texas 78714-9104
 Phone No. (512) 322-2212 Fax No. (512) 463-6693

PRODUCT EVALUATION
 WIN-1923

Effective Date: August 1, 2014
 Reevaluation Date: **February 2016**

The following product has been evaluated for compliance with the wind loads specified in the **International Residential Code (IRC)** and the **International Building Code (IBC)**.

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code and the Texas Engineering Practice Act.

GTI and GTO Vinyl Inswing and Outswing Transoms, Non-Impact Resistant, manufactured by

Nan Ya Plastics Corporation USA
 8989 North Loop East
 Houston, Texas 77029
 Telephone: (713) 674-7822

General Description:

System	Description	Label Rating	Design Pressure Rating
1	GTI 6020 Inswing Transom	TR-LC80 71 x 24	+80 / -80 psf
2	GTI 12020 Inswing Transom	TR-R75 145 x 24	+75 / -75 psf
3	GTO 6020 Outswing Transom	TR-LC80 71 x 24	+80 / -80 psf
4	GTO 12020 Outswing Transom	TR-R75 145 x 24	+75 / -75 psf

Product Dimensions:

System	Overall Size	Fixed Glass Daylight Opening Size
1	71.25" x 24.00"	68.31" x 21.13"
2	145.38" x 24.00"	Three (3): 46.40" x 21.13"
3	71.25" x 24.00"	68.31" x 21.13"
4	145.38" x 24.00"	Three (3): 46.40" x 21.13"

Product Identification (Certification Agency Label on Door):

System	Certification Agency Label on Door	
1	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Nan Ya Plastics USA
	Product Name	GTI 6020 Vinyl Glazed Transom Fixed Window
	Test Standards	AAMAWDMA/CSA 101/I.S.2/A440-05
2	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Nan Ya Plastics USA
	Product Name	GTI 12020 Vinyl Glazed Transom Fixed Window
	Test Standards	AAMAWDMA/CSA 101/I.S.2/A440-05

Product Identification (Certification Agency Label on Door) - Continued:

System		
3	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Nan Ya Plastics USA
	Product Name	GTO 6020 Vinyl Glazed Transom Fixed Window
	Test Standards	AAMAWDMA/CSA 101/I.S.2/A440-05
4	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Nan Ya Plastics USA
	Product Name	GTO 12020 Vinyl Glazed Transom Fixed Window
	Test Standards	AAMAWDMA/CSA 101/I.S.2/A440-05

Impact Resistance:

Impact Resistant	Requirement
Yes	These products satisfy the Texas Department of Insurance's criteria for protection from windborne debris in the Inland I and Seaward zone . The assemblies may be installed at any height on the structure as long as the design pressure rating for the assemblies is not exceeded.

Qualified Configurations (Systems 2 and 4): O / OO / OOO.

Installation:

Design Drawings:

System 1: The window shall be installed in accordance with Drawing No. 08-02132, titled "GTI 6020 Inswing Transom Non-Impact," sheets 1 through 2 of 2, dated July 11, 2013, signed and sealed by Luis R. Lomas., P.E on July 11, 2013. The stated drawings will be referred to as the approved drawings in this evaluation report.

System 2: The window shall be installed in accordance with Drawing No. 08-02131, titled "GTI 12020 Inswing Transom Non-Impact," sheets 1 through 3 of 3, dated July 15, 2013, signed and sealed by Luis R. Lomas., P.E on July 15, 2013. The stated drawings will be referred to as the approved drawings in this evaluation report.

System 3: The window shall be installed in accordance with Drawing No. 08-02134, titled "GTO 6020 Outswing Transom Non-Impact," sheets 1 through 2 of 2, dated July 16, 2013, signed and sealed by Luis R. Lomas., P.E on July 16, 2013. The stated drawings will be referred to as the approved drawings in this evaluation report.

System 4: The window shall be installed in accordance with Drawing No. 08-02133, titled "GTO 12020 Outswing Transom Non-Impact," sheets 1 through 3 of 3, dated July 11, 2013, signed and sealed by Luis R. Lomas., P.E on July 11, 2013. The stated drawings will be referred to as the approved drawings in this evaluation report.

Wall Framing Construction: The doors may be mounted to several types of wall framing construction. The types of wall framing construction allowed include:

- Concrete (minimum compressive strength: 3,192 psi)
- Hollow concrete block; ASTM C-90, Grade N, Type 1 (or greater)
- Wood dimension lumber (minimum Spruce-Pine-Fir)

Installation Details:

- Refer to the approved drawings for installation details.
- The approved drawings indicate the minimum embedment depths for the fasteners and the minimum edge distances (minimum distance fastener must be from the edge of the substrate material) for the fasteners.

Note: The manufacturer's installation instructions shall be available on the job site during installation. All fasteners shall be corrosion resistant as specified in the International Residential Code (IRC), the International Building Code (IBC), and the Texas Revisions.