

Window Systems

Premium Vinyl Windows and Patio Doors

Residential Remodeling • Multi-Family • New Construction • Light Commercial

Alside. Your Partner for quality vinyl windows.

Your comprehensive window guide for product performance and details.

In the construction industry, your word is only as good as the products and services you deliver. At Alside, our window design and engineering team is uniquely qualified to meet that standard. No matter where your project is located, you are near one of our manufacturing facilities or wholesale distribution centers. Our staff, available during every construction phase, can assist you with every detail from product ordering to delivery, and after sales service as well.



The perfect window for today's challenging environment.



Green building. Green products. Green initiatives. These words are nearly commonplace in our daily lives when dealing with anything involving the building industry. And vinyl windows from Alside are no exception when it comes down to doing our part to help preserve the environment, as they offer many benefits for this worthwhile endeavor.

Did you know that the materials used to make every Alside window sash and mainframe are 100% recyclable? And according to the Vinyl Institute, the choice of vinyl windows over less energy-efficient window frames saves enough energy to meet the annual electricity needs of 20,000 single-family homes.

The leading component in the production of vinyl is common salt, an inert natural resource. In fact more than half of vinyl's PVC resin is derived from salt, a sustainable resource. And vinyl window products generally weigh less than other substrate window products, requiring less energy during transport.

Vinyl can be reprocessed and recycled repeatedly. Any scrap from our manufacturing facilities is recycled into other products, making Alside a resource-efficient operation.

Quite simply, the longer a window product lasts, the less energy and other resources must be utilized to make replacement products.

All of these should certainly stand as a true testament to Alside's participation in "going green", and helping to preserve the environment.



Alside®

0700 Single-Hung Window

DESIGN PRESSURE H-LC25

FEATURES

- Fusion-welded sash and mainframe
- Beveled exterior mainframe
- Metal reinforcement at meeting rail
- Narrowline sash for optimum glass area
- Protective bulb seal with wind and water flap at sill
- Color-coordinated cam lock and keeper

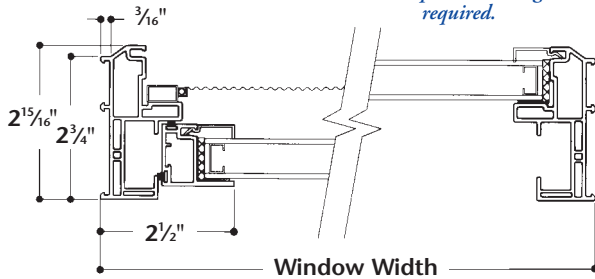
OPTIONS

- Drywall model for sheetrock or wallboard entry
- ClimaTech High Performance Insulated Glass Package
- Colonial grids between the panes
- Muller units available
- Factory assembled tri-lites in one mainframe

STRUCTURAL		
AAMA 101/1.5.2/A440-05	DP H-LC25	
TEST SIZE	44" X 77"	
LOADS	52.5 PSF	
WATER	3.75 PSF	
AIR@ 25 MPH	0.16 CFM/FT ²	
THERMAL-NFRC 100-04		
	U-VALUE	
SIZE	47 1/4" x 59"	
CLEAR	0.48	
Low-E/ARGON (CLIMATECH)	0.30	
SOLAR PROPERTIES-NFRC-200,300,301-04		
	CLEAR	Low-E/ARGON
SHGC	0.63	0.32
VT	0.67	0.60

* NFRC solar properties test results are based on the total window which include frame and glass.

Consult with Alside Manufacturing for high-performance options where increased design pressure ratings are required.



02A0 Single-Hung Window

08 53 13/ALT
BuyLine 8615

DESIGN PRESSURE H-LC30

FEATURES

- Fusion-welded sash for added strength
- Metal reinforcement at meeting rail
- Sloped sill for improved performance
- Fully extruded lift rail
- Color-coordinated cam lock and keeper
- Protective bulb seal at the sill
- Narrowline sash system
- Double-barrier weatherstripping at all sash points
- Exterior glazing system

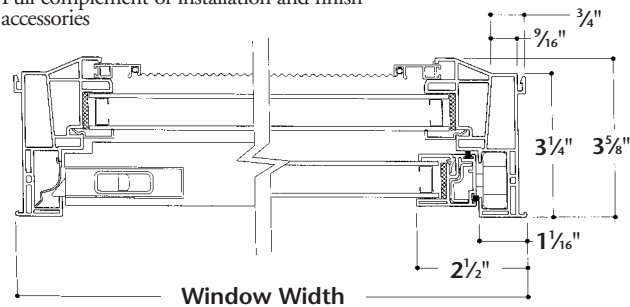
OPTIONS

- ClimaTech High Performance Insulated Glass Package
- Colonial grids between the panes
- Full complement of installation and finish accessories

Consult with Alside Manufacturing for high-performance options where increased design pressure ratings are required.

STRUCTURAL		
AAMA 101/1.5.2/A440-05	DP H-LC30	
TEST SIZE	44" X 77"	
LOADS	45.0 PSF	
WATER	6.0 PSF	
AIR@ 25 MPH	0.22 CFM/FT ²	
THERMAL-NFRC 100-04		
	U-VALUE	
SIZE	47 1/4" x 59"	
CLEAR	0.48	
Low-E/ARGON (CLIMATECH)	0.31	
Low-E/ARGON SST	0.30	
SOLAR PROPERTIES-NFRC-200,300,301-04		
	CLEAR	Low-E/ARGON
SHGC	0.60	0.31
VT	0.64	0.57

* NFRC solar properties test results are based on the total window which include frame and glass.



0201 Excalibur Double-Hung Window

DESIGN PRESSURE H-LC25

FEATURES

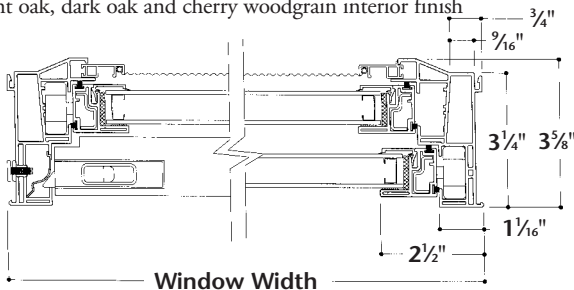
- Fusion-welded sash and mainframe with multi-wall extrusion design for superior welding strength
- Metal reinforcement at meeting rails
- Beveled exterior mainframe
- Narrowline sash for optimum glass area
- Sloped sill for improved performance
- Color-coordinated cam lock and keeper
- Hidden screen track
- Exterior glazing system

OPTIONS

- Compatible profiles available for 2- and 3-lite sliding windows
- ClimaTech High Performance Insulated Glass Package
- Colonial grids between the panes
- Light oak, dark oak and cherry woodgrain interior finish

STRUCTURAL		
AAMA 101/1.5.2/A440-05	DP H-LC25	
TEST SIZE	44 x 77"	
LOADS	37.5 PSF	
WATER	9.0 PSF	
AIR@ 25 MPH	0.21 CFM/FT ²	
THERMAL-NFRC 100-04		
	U-VALUE	
SIZE	47 1/4" x 59"	
CLEAR	0.49	
Low-E/ARGON (CLIMATECH)	0.32	
Low-E/ARGON SST	0.31	
SOLAR PROPERTIES-NFRC-200,300,301-04		
	CLEAR	Low-E/ARGON
SHGC	0.59	0.30
VT	0.63	0.56

* NFRC solar properties test results are based on the total window which include frame and glass.



0601 UltraMaxx Double-Hung Window

DESIGN PRESSURE H-LC40

FEATURES

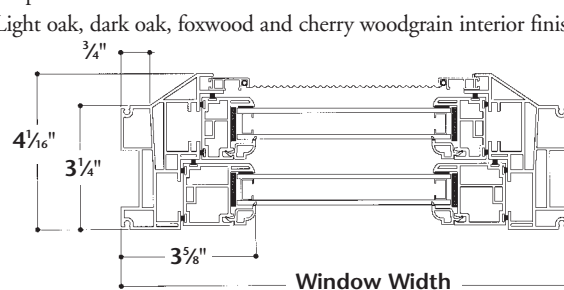
- Fusion-welded sash and mainframe with multi-wall extrusion for superior welding strength
- Metal reinforcement at meeting rails
- Beveled exterior mainframe and sash
- Zero clearance mulling system
- Triple-barrier weatherstripping at all sash points
- Quad-4 weatherstripping at header and sill
- Hidden screen track
- Color-coordinated cam lock and keeper

OPTIONS

- Compatible profiles available for 2- and 3-lite sliding windows
- ClimaTech High Performance Insulated Glass Package
- Snap-on nail fin
- Light oak, dark oak, foxwood and cherry woodgrain interior finish

STRUCTURAL		
AAMA 101/1.5.2/A440-05	DP H-LC40	
TEST SIZE	44" X 77"	
LOADS	60.0 PSF	
WATER	8.25 PSF	
AIR@ 25 MPH	0.16 CFM/FT ²	
THERMAL-NFRC 100-04		
	U-VALUE	
SIZE	47 1/4" x 59"	
CLEAR	0.45	
Low-E/ARGON (CLIMATECH)	0.30	
Low-E/ARGON SST	0.29	
SOLAR PROPERTIES-NFRC-200,300,301-04		
	CLEAR	Low-E/ARGON
SHGC	0.54	0.28
VT	0.58	0.51

* NFRC solar properties test results are based on the total window which include frame and glass.



0501 Sheffield Double-Hung Window

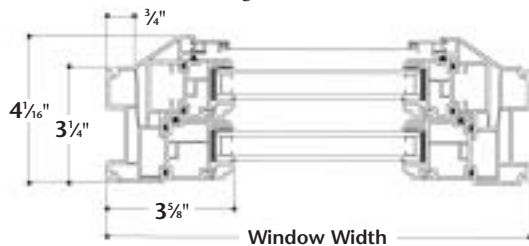
DESIGN PRESSURE H-LC40

FEATURES

- Fusion-welded sash and mainframe with multi-wall extrusion for superior welding strength
- Reinforcement at the locking rail
- Beveled exterior mainframe and sash
- Zero clearance mulling system
- Triple-barrier weatherstripping at all sash points
- Quad-4 weatherstripping at header
- Sloped sill for positive drainage and water resistance
- Color-coordinated cam lock and keeper

OPTIONS

- ClimaTech High Performance Insulated Glass Package
- Colonial grids between the panes
- Snap-on nail fin
- Light oak, dark oak, foxwood and cherry woodgrain interior finish
- American brown exterior or beige exterior and white interior finish



STRUCTURAL		
AAMA 101/1.5.2/A440-05	DP H-LC40	
TEST SIZE	44" X 77"	
LOADS	60.0 PSF	
WATER	9.0 PSF	
AIR@ 25 MPH	0.16 CFM/FT ²	
THERMAL-NFRC 100-04		
	U-VALUE	
SIZE	47 1/4" x 59"	
CLEAR	0.45	
Low-E/ARGON (CLIMATECH)	0.30	
Low-E/ARGON SST	0.29	
SOLAR PROPERTIES-NFRC-200,300,301-04		
	CLEAR	Low-E/ARGON
SHGC	0.53	0.27
VT	0.57	0.51

* NFRC solar properties test results are based on the total window which include frame and glass.

0971 Casement Window

08 53 13/ALT
BuyLine 8615

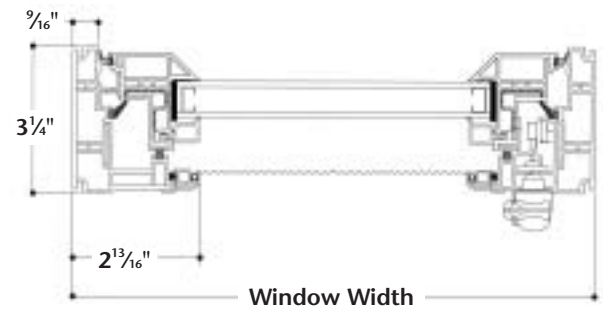
DESIGN PRESSURE C-C70

FEATURES

- Beveled exterior sash design
- Fusion-welded sash and mainframe
- Low-profile, single handle, multi-point positive locking system
- Step-down frame
- Exterior fin/pile design weather seal
- Compression-type inner bulb seal

OPTIONS

- ClimaTech High Performance Insulated Glass Package
- Colonial grids between the panes
- Factory-mulled combination units
- Light oak, dark oak, foxwood and cherry woodgrain interior finish
- American brown exterior or beige exterior with white interior finish



STRUCTURAL		
AAMA 101/1.5.2/A440-05	DP C-C70	
TEST SIZE	24" X 48"	
LOADS	105.0 PSF	
WATER	10.5 PSF	
AIR@ 25 MPH	0.02 CFM/FT ²	
THERMAL-NFRC 100-04		
	U-VALUE	
SIZE	23 5/8" x 59"	
CLEAR	0.44	
Low-E/ARGON (CLIMATECH)	0.29	
Low-E/ARGON SST	0.28	
SOLAR PROPERTIES-NFRC-200,300,301-04		
	CLEAR	Low-E/ARGON
SHGC	0.53	0.27
VT	0.56	0.50

* NFRC solar properties test results are based on the total window which include frame and glass.

6100 Series Patio Door

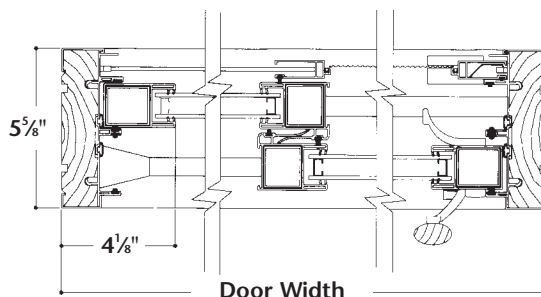
DESIGN PRESSURE SGD-C30

FEATURES

- Triple-screw butt-joint mainframe
- Steel reinforced sash stiles
- Double weatherstripping and vinyl bulb seal for superior weather barriers
- Adjustable dual wheels with steel ball bearings
- Screen with four-point roller adjustment

OPTIONS

- ClimaTech High Performance Insulated Glass Package
- Colonial grids between the panes
- Keyed lock
- Optional vent lock
- Light oak, dark oak, foxwood and cherry woodgrain interior finish
- American brown exterior or beige exterior with white interior finish



STRUCTURAL		
AAMA 101/1.5.2/A440-05	DP SGD-C30	
TEST SIZE	93" X 82"	
LOADS	52.5 PSF	
WATER	4.5 PSF	
AIR@ 25 MPH	0.10 CFM/FT ²	
THERMAL-NFRC 100-04		
	U-VALUE	
SIZE	78 3/4" x 78 3/4"	
CLEAR	0.47	
Low-E/ARGON (CLIMATECH)	0.31	
SOLAR PROPERTIES-NFRC-200,300,301-04		
	CLEAR	Low-E/ARGON
SHGC	0.57	0.29
VT	0.60	0.53

* NFRC solar properties test results are based on the total window which include frame and glass.

Consult with Alside Manufacturing for high-performance options where increased design pressure ratings are required.

5100 Series Patio Door

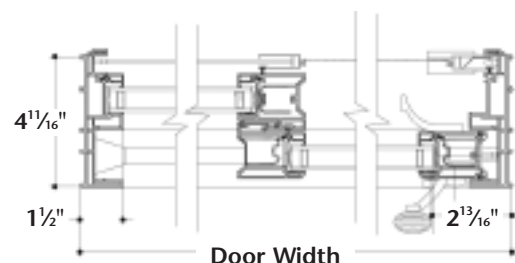
DESIGN PRESSURE SGD-R35

FEATURES

- Fusion-welded sash and mainframe
- Steel reinforced sash members
- Low friction adjustable tandem rollers
- Screen with four-point roller adjustment

OPTIONS

- ClimaTech High Performance Insulated Glass Package
- Colonial grids between the panes



STRUCTURAL		
AAMA 101/1.5.2/A440-05	DP SGD-R35	
TEST SIZE	72" X 80"	
LOADS	52.5 PSF	
WATER	5.25 PSF	
AIR@ 25 MPH	0.20 CFM/FT ²	
THERMAL-NFRC 100-04		
	U-VALUE	
SIZE	78 3/4" x 78 3/4"	
CLEAR	0.48	
Low-E/ARGON (CLIMATECH)	0.29	
SOLAR PROPERTIES-NFRC-200,300,301-04		
	CLEAR	Low-E/ARGON
SHGC	0.64	0.33
VT	0.67	0.58

* NFRC solar properties test results are based on the total window which include frame and glass.

Consult with Alside Manufacturing for high-performance options where increased design pressure ratings are required.

3100 Single-Hung Impact Window

DESIGN PRESSURE H-R50

FEATURES

- Insulated 1³/₁₆" glass unit features two 3mm layers of annealed glass fortified by a layer of 0.090" laminate, a warm edge spacer system and a 3mm layer of annealed glass
- Galvanized steel reinforcement at the meeting rail
- Structural sill dam made from extra thick aluminum
- Compression bulb seal at the sill
- Fusion-welded sash and mainframe
- Tilt-in bottom sash

OPTIONS

- ClimaTech High Performance Insulated Glass Package
- Colonial grids between the panes
- White and beige interior finish
- Choose from frame options featuring fully extruded nailing fins and stucco flanges for new construction or remodeling purposes



STRUCTURAL		
AAMA 101/1.5.2/A440-05	DP H-R50	
TEST SIZE	54" X 76"	
LOADS	75.0 PSF	
WATER	7.50 PSF	
AIR@ 25 MPH	0.25 CFM/FT ²	
THERMAL-NFRC 100-04		
	U-VALUE	
SIZE	47 1/4" x 59"	
CLEAR	0.48	
Low-E/ARGON (CLIMATECH)	0.32	
Low-E/ARGON SST	0.30	
SOLAR PROPERTIES-NFRC-200,300,301-04		
	CLEAR	Low-E/ARGON
SHGC	0.58	0.30
VT	0.62	0.55

* NFRC solar properties test results are based on the total window which include frame and glass.

i201 Double-Hung Impact Window

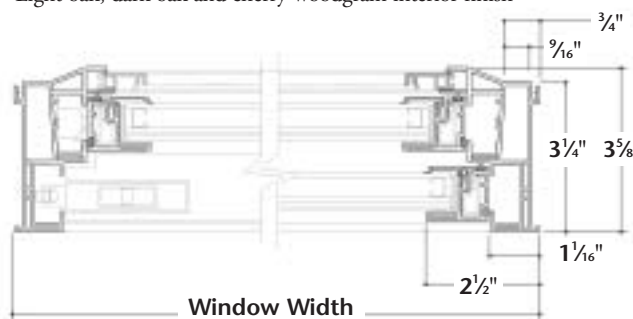
DESIGN PRESSURE H-R50

FEATURES

- The 1³/₁₆" insulated glass unit features a 3mm layer of annealed glass, a warm edge spacer system and two more layers of 3mm annealed glass fortified by a layer of 0.090" laminate
- Galvanized steel reinforcement
- "Dead bolt" locking system at the sill
- Sloped sill
- Heavy-duty reinforced sash tilt latch
- Fusion-welded sash and mainframe
- Tilt-in top and bottom sash

OPTIONS

- ClimaTech High Performance Insulated Glass Package
- Colonial grids between the panes
- Light oak, dark oak and cherry woodgrain interior finish



STRUCTURAL		
AAMA 101/1.5.2/A440-05	DP H-R50	
TEST SIZE	52" X 72"	
LOADS	75.0 PSF	
WATER	9.0 PSF	
AIR@ 25 MPH	0.21 CFM/FT ²	
THERMAL-NFRC 100-04		
	U-VALUE	
SIZE	47 1/4" x 59"	
CLEAR	0.49	
Low-E/ARGON (CLIMATECH)	0.32	
Low-E/ARGON SST	0.31	
SOLAR PROPERTIES-NFRC-200,300,301-04		
	CLEAR	Low-E/ARGON
SHGC	0.59	0.30
VT	0.63	0.56

* NFRC solar properties test results are based on the total window which include frame and glass.

High performance design backed by exceptional service and support.

Alside Windows are continuously tested in our in-house laboratory to ensure consistent high quality, performance and dependability. Utilizing performance levels beyond AAMA, ASTM and NFRC standards, Alside Windows are tested for air, water, structural load, thermal performance and forced entry resistance. Our windows are certified under AAMA and/or NFRC-approved certification programs. Complete testing data and certification documentation are available upon special request.

Alside's Engineering and Sales Departments are readily available to assist you with technical information and installation details. Alside offers a full range of in-house and field engineering services and support to architects, engineers and building owners across the country.

For fast, convenient assistance, just pick up the phone.

If you need additional help or information about product specifications, installation, warranty coverage or product availability, call our FastBack™ customer service specialists at 1.800.922.6009. It's the quickest way to get answers you can put to work—or to arrange for a product demonstration by an Alside representative.

For more information on our professional support program: *Vinyl Windows*, *An Architectural View*, a design seminar accredited by the AIA, CSI and AIBD.



Alside window products are tested to the highest standards in our own on-site testing facility.



Alside Windows meet all of the requirements of the AAMA and NFRC certification programs for windows and the IGCC® certification program for insulating glass.



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Sweets.com

