NEW YORK CITY DEPARTMENT OF
HEALTH AND MENTAL HYGIENE

APPROVED WINDOW GUARDS AND LIMITING DEVICES LIST AND REGULATIONS

125 Worth Street-6TH FLOOR – Room 618

NEW YORK, NEW YORK 10013

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Section 1: Active Companies with Approved Window Guards and Limiting Devices
Section 2: Inactive Companies with Approved Window Guards and Limiting Devices
Section 3: Regulations Pertaining to Window Guard and Limiting Device Approval and Installation

The manufacturers listed in sections 1 & 2 have window guards and alternative limiting devices that have been approved by the Window Guard Policy and Acceptance Board.

RULE:
IN ORDER TO BE EFFECTIVE AND IN COMPLIANCE, GUARDS MUST BE PROPERLY INSTALLED IN SOUND TRACKS WITH APPROVED SCREWS AND STOPPING DEVICES. THERE MAY NOT BE MORE THAN 4 1/2 INCHES OF OPEN, UNGUARDED SPACE IN ANY WINDOW OPENING.

NOTE:
WHEN INSTALLING A 15" HIGH GUARD IN A DOUBLE HUNG WINDOW:

1. INSTALL THE “L” STOPS USING ONE-WAY SCREWS PROVIDED WITH THE GUARD.
2. INSTALL ONE STOP ON EACH SIDE OF THE WINDOW IN THE INNER TRACK UPON WHICH THE LOWER SASH RIDES TO LIMIT THE RISE OF THE LOWER WINDOW TO A MAXIMUM OF 4½ INCHES ABOVE THE WINDOW GUARD.
3. WHEN A TALLER GUARD IS ISNSTALLED WHICH LIMITS THE SPACE ABOVE THE TOP HORIZONTAL BAR TO 4½ INCHES OR LESS THE STOPS MAY BE OMITTED.

CAUTION:

PURCHASE THE APPROPRIATE SIZE GUARDS FOR THE WIDTH AND HEIGHT OF WINDOWS TO BE PROTECTED. EXTENDING GUARDS BEYOND THE PRESCRIBED LIMITS IS DANGEROUS AND UNLAWFUL.

Section 1: Active Companies with Approved Window Guards and Limiting Devices

MANUFACTURER	WINDOW TYPE	APPROVAL #
Air Master 550 Mamaroneck Avenue Suite 303 Harrison, NY 10528 Phone: (914) 777-5400	Casement Slider	HDLD 01-98-02 HDLD 12-05-01 HDLD 04-98-03
Alubon Ltd 110 New York Avenue Westbury, NY 11590	Casement	HDLD 10-02-2011 HDLD 10-03-2011
Alumil N.A Corporation 4401 21 Street L.I.C. New York 11101 Phone: (718) 355-9393 Fax: (718) 786-9393	Tilt and Turn Casement	HDLD 12-01-2011 HDLD 04-07-2013 HDLD 02-03-2014 HDLD 06-12-2015
Aluprof S.A. Warszawska Street 153 43-300 Bielsko-Biala Poland	Casement	HDLD 12-03-2024 HDLD 12-04-2024
Allen Windows Technologies 131 Caldari Road Concord, Ontario L4K Canada	Casement	HDLD 03-13-2016
American Architectural Windows 301 Stagg Street Brooklyn, NY 11206	Sliding Casement	HDLD 06-09-2015 HDLD 06-10-2015
Architectural Window Manufacturing Corp. 359 Veterans Boulevard Rutherford, NJ 07070	Casement Tilt and Turn Double Hung Terrace Door Window	HDLD 02-08-01 HDLD 10-07-09 HDLD 08-08-02 HDLD 04-17-2010 HDLD 04-04-2013 HDLD 07-04-2017 HDLD 11-03-2018 HDLD 11-01-2019 HDLD 10-04-2011 HDLD 12-04-2022 HDLD 12-02-2011 HDLD 09-01-2015 HDLD 05-04-2018 HDLD 11-01-2019 HDLD 09-02-2024

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MANUFACTURER	WINDOW TYPE	APPROVAL #
Automatic Specialties Inc. 422 Northboro Road Central Marlboro, MA 01752	Double Hung	HDWG 09-05-2013
Benra Dual Tilt Windows & Doors Manufacturing Corporation 229 Green Street Brooklyn, NY 11222	Tilt and Turn	HDLD 09-04-2013
Champion Aluminum Corp d/b/a Champion Window & Door 140 Eileen Way Syosset, NY 11791 Phone: (516) 921-6200	Double Hung Casement Tilt and Turn	HDWG 02-91-04 HDLD 01-09-03 HDLD 04-05-2010
Chetman Construction Company 14-56 31st Drive Long Island City, NY 11106	Slider	HDWG 10-86-77
Corcraft NYS Dept. of Correctional Services Division of Industries 550 Broadway Menands, NY 11204	Double Hung	HDWG 06-82-57
Crystal Window & Door System Ltd 31-10 Whitestone Expressway Flushing, NY 11354	Double Hung Sliding Casement Awning	HDLD 10-09-04 HDLD 09-02-2013 HDLD 09-03-2013 HDLD 09-03-2013 HDLD 09-02-2013 HDLD 09-09-2013 HDLD 04-08-2015 HDLD 07-04-2022 HDLD 06-05-2015 HDLD 01-09-01 HDLD 09-03-2013 HDLD 04-09-2015 HDLD 01-03-2013 HDLD 04-02-2010 HDLD 09-02-2022 HDLD 07-01-2024 HDLD 07-02-2024 HDLD 07-04-2022

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MANUFACTURER	WINDOW TYPE	APPROVAL #
Custom Metalcrafters Inc. 16 Mckingley Avenue Albertson N.Y. 11507	Casement	HDLD 09-02-2015
Custom Window Company 2727 South Santa Fe Drive Englewood, CO 80110	Casement	HDLD 04-08-04 HDLD 01-01-2013
Enclos Corporation 350 5th Avenue Suite 7620 New York, NY 10118	Casement	HDLD 06-01-2014
EFCO Corporation 1000 Country Road Monett, MO 65708-9214 Phone: (800) 221-4231/4232 Website: (417) 235-3193	Casement Tilt and Turn Sliding	HDLD 10-97-02 HDLD 08-04-02 HDLD 03-07-03 HDLD 04-10-2010 HDLD 04-11-2010 HDLD 04-12-2010 HDLD 04-13-2010 HDLD 04-14-2010 HDLD 04-15-2010 HDLD 10-03-01 HDLD 10-03-02 HDLD 10-03-03 HDLD 10-97-03 HDLD 06-99-04 HDWG 06-91-06 (ST/PC Only)
ELICC American Corporation 555 8th Avenue Suite 903 New York NY 10018	Awning	HDLD 07-02-2023 HDLD 01-02-2023
ES Windows LLC 10653 NE Quay bridge Ct. Miami. Florida 33138	Casement	HDLD 04-03-2013 HDLD 11-01-2021
ES Windows LLC 3550 NW 49th Street Miami Florida 33142	Casement	HDLD 11-01-2021 HDLD 11-02-2021 HDLD 02-01-2025 HDLD 05-01-2025
Ext-Tech LLC 238 High Street Unit B Hackensack NJ, 07601	Dual	HDLD 04-02-2010 HDLD 04-02-2010

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MANUFACTURER	WINDOW TYPE	APPROVAL #
Fourth Generation P.O. Box 976 Patterson, NJ 07533 Owned by J. Kaufman Phone: (718) 378-0900 Fax: (913) 523-7323	Double Hung Sliding, Casement	HDLD 06-96-15 HDLD 06-97-01
FAPIM S.P. A Via delle Cerbaie 114 55011 Altopascia (LU) Italy	Casement	HDLD 03-11-2016 HDLD 03-04-2019
Gamma USA Incorporated 3 Columbus Circle, Suite 722 New York, NY 10019	Casement	HDLD 04-03-2010
Glasswall LLC 3550 N.W. 49 Street Miami, FL 33142	Casement	HDLD 02-01-2011
Global Architectural Metals 123 Center Street Welland, ON Canada L3B	Casement	HDLD 05-06-2016
Graham Architectural Products 1551 Mount Rose Avenue York, PA 17403-2909	Casement Double Hung In-Swing Side Hinged Hopper Awning	HDLD 04-09-03 HDLD 04-04-2014 HDLD 09-03-2015 HDLD 01-02-2019 HDLD 07-04-2021 HDWG 08-83-59 HDWG 02-84-63 HDLD 01-02-2013 HDLD 09-03-2015 HDLD 09-03-2015 HDLD 09-01-2022
Grisham Corporation 5901 N. Cicero Avenue, Suite 105 Chicago, IL 60646	Double Hung	HDWG 07-20-01 HDWG 04-04-2010
Howard Berger Co., Inc. 1 South Middlesex Avenue Monroe Township, NJ 08831 Phone: (609) 860-9990	Double Hung	HDWG 08-04-02

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MANUFACTURER	WINDOW TYPE	APPROVAL #
Intus Windows 2720 Prosperity Avenue Suite 400 I Fairfax, Virginia 22031	Casement Tilt and Turn Hopper	HDLD 04-02-2010 HDLD 09-05-2023
J. Kaufman **Iron Works, Inc.** 202 12th Avenue Patterson, NJ 07501 Phone: (718) 991-5400	Double Hung Use restricted to Ground floor and first floor only Casement Sliding Hopper, Projecting Casement, Projecting Casement, Projecting Sliding Public Hallways, Stairwells Double Hung, Casement, Sliding, Hopper, Pivoting Casement, Pivoting, Tilt and Turn, Hopper	HDWG 11-76-06 HDWG 11-76-07 HDWG 05-78-25 HDWG 02-99-02 HDWG 03-85-71 HDWG 01-85-69 HDWG 02-85-70 HDWG 02-87-83 HDWG 11-92-08 HDWG 05-78-26 HDWG 02-79-34 HDWG 01-79-34 HDLD 01-94-05 HDLD 01-94-02 HDWG 04-79-41 HDWG 09-79-54 HDWG 01-94-13 HDWG 08-02-01 HDLD 01-98-01
Jaidan Industries, Inc. 16 Capri Ln. Port Washington, NY 11050 Contact: Richard Sussman Phone: (516) 944-3650 Phone: (877) 452-4326	Double Hung	HDWG 10-84-67 (Formerly Manufactured by SWS Industries, Inc.)
John Sterling Corp. 11600 Sterling Parkway P.O. Box 469 Richmond, Illinois 60071 Contact: Jerry Shrenski Contact: Ron Zromkowsky Phone: (815) 678-2031	Double Hung	HDLD 02-07-2011 HDWG 05-87-86 HDWG 10-87-90 HDWG 04-93-09
Jarden Safety 3901 Liberty Street Aurora, IL 60504-8122	Double Hung	HDLD 02-07-2011

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MANUFACTURER	WINDOW TYPE	APPROVAL #
Kawneer (TRACO) 71 Progress Avenue Cranberry Township, PA 16066	Casement	HDLD 10-09-02 HDLD 10-09-03 HDLD 10-03-2010
65 Air Pack Drive Ronkonkoma, NY 11719	Casement Sliding Casement Projecting	HDWG 10-76-02 HDWG 10-76-03 HDWG 09-77-22 HDWG 05-78-24 HDWG 09-78-29 HDWG 01-77-09 HDWG 01-77-10 HDWG 03-79-40 HDWG 06-79-51 HDWG 06-79-52
Kirby Industrial Supply 72 Hempstead Gardens West Hempstead, NY 11511 Phone: (516) 489-3224	Slider	HDLD 01-94-06
Mannix Interstate Window Corp. 345 Crooked Hill Road Brentwood, NY 11717 Phone: (631) 231-0800	Sliding Casement	HDLD 08-02-02 HDLD 10-03-04
MBM Supply Company LLC **c/o Related Supply** 60 Columbus Circle New York, NY 10023	Casement	HDLD 08-08-01
McMullen Incorporated 4792 Potato House CT Wilson, NC 27893	Casement	HDLD 06-09-05 HDLD 06-09-06 HDLD 06-09-04
Metal Tech Precision INDS. 2015 Pitkin Avenue Brooklyn, NY 11207 Phone: (718) 513-6901 Fax: (513-6903	Double Hung	HDWG 04-98-01
New Hudson Facades 815 Columbia Avenue Linwood PA 19061	Casement	HDLD 04-09-2015
Midwest Curtain Walls Incorporated 80 Hobart Street Hackensack, NJ 07601	Casement	HDLD 10-02-2010

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MANUFACTURER	WINDOW TYPE	APPROVAL #
Moduline Window Co. 930 Single Avenue Wausau, WI 54402 Phone: (715) 845-9666 Phone: (715) 841-1476	Casement	HDLD 11-03-02 HDLD 07-05-02 HDLD 10-07-10
Northern Building Products Incorporated 111 Central Avenue Teterboro, NJ 07608	Casement	HDLD 02-05-2011 HDLD 02-04-2011 HDLD 02-03-2011
Northern Architectural System Inc 111 Central Avenue Teterboro NJ 07608	Double Hung	HDLD 09-01-2021 HDLD 09-01-2023
NR Architectural Products Inc. 4348 West Roads Drive Riviera Beach, Fl. 33407	Casement Hopper	HDLD 07-02-2016
Oldcastle Building Envelope 930 Single Avenue Wausau, WI 54401	Casement	HDLD 04-05-2013 HDLD 04-01-2014 HDLD 04-02-2014
Optimum Window Mfg. Corp. 28 Canal Street Ellenville, NY 12428	Casement	HDLD 04-01-2010
Origin Point Brands LLC 2453 King Street Extension Charleston, South Carolina 29405	Double Hung	HDWG 04-01-2013
Pace Construction Company 2055 Valentine Avenue Bronx, NY 10457	Double Hung	HDWG 09-02-03
Panorama Windows Ltd 767 East 132 Street Bronx, NY 10454	Casement/Pivot Casement	HDLD 05-02-2011 HDLD 05-03-2011
Peerless Products Inc. 2403 S. Main, P.O Box 431 Fort Scott, KS 54401	Casement Sliding Double Hung	HDLD 07-05-03 HDLD 04-08-01 HDLD 02-04-2015 HDLD 02-05-2015 HDLD 04-09-02 HDLD 02-06-2015 HDLD 06-07-2014

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MANUFACTURER	WINDOW TYPE	APPROVAL #
Permasteelisa North America Corp. 123 Day Hill Road Windsor, CT 06095	Casement Pivoting	HDLD 06-09-01 HDLD 10-01-2010 HDLD 04-02-2013 HDLD 02-01-2014 HDWG 01-09-04
Phoenix Glazing Incorporated 6901 Lynn Way Pittsburgh, PA 15208-2438 Phone: (412) 441-2775	Casement	HDLD 04-16-2010
Pinquist Tool & Die 63 Meserole Avenue Brooklyn, NY 11222 Phone: (718) 389-3900 Fax: (718) 349-3168	Double Hung Double Hung, Casement, Hopper, Sliding Casement Hopper	HDWG 10-86-80 HDWG 06-88-92 HDWG 08-89-95 HDWG 08-89-94 HDWG 04-87-85 HDWG 10-87-89
Pioneer Window Mfg. Corp. 3 Expressway Plaza, Suite 221 Roslyn Heights, NY 11577 Contact: Brian Rutnik Phone: (516) 822-7000	Double Hung Sliding Casement	HDWG 04-93-10 HDLD 04-08-03 HDLD 04-08-02 HDLD 06-01-2011
Prime Line Products Co. Inc. 26950 San Bernardino Avenue Redlands, CA 92374	Double Hung	HDWG 04-09-2010
Quaker Window and Door 504 Hwy 63 South Freeburg, MO. 65035	Awning Casement	HDLD 09-08-2015 HDLD 09-08-2015 HDLD 09-09-2015
R. King Window Corp. 215 Norman Avenue Brooklyn, NY 11222	Tilt and Turn	HDLD 09-01-2013
Reynaers Aluminium NV Oude Liersebaan 266 B-2570 Duffel Belgium	Casement	HDLD 11-08-2018
Reflection Window + Wall Via Stacca 1 1-25050 Rodengo Saiano (Italy)	Casement	HDLD 03-04-2024

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MANUFACTURER	WINDOW TYPE	APPROVAL #
Schuco USA LP 240 Pane Road Newington, CT 06111	Casement	HDLD 07-05-04
		HDLD 07-05-05
		HDLD 07-05-06
		HDLD 04-08-05
		HDLD 08-08-03
		HDLD 06-09-07
		HDLD 03-03-2018
	Dual Action	HDLD 11-03-06
	Tilt & Turn	HDLD 03-04-2018
	Sliding	HDLD 11-04-06
	Parallel Opening	HDLD 03-07-2018
	Casement, Hopper & Dual	HDLD 03-04-2018
	Awning	HDLD 03-03-2018
	Awning & Casement	HDLD 03-03-2018
Securistyle Ltd Kingsmead Industrial Estate Princess Elizabeth Way Cheltenham Gloucestershire. GL51 7RE UK	Casement	HDLD 04-02-2010
Skyline Windows LLC 220 East 138th Street Bronx, NY 10454 Phone: (212) 491-3000 Phone: (646) 273-1427 Fax: (212) 491-5600	Casement	HDLD 11-97-04
		HDLD 11-97-05
		HDWG 08-94-14
		HDLD 02-99-01
		HDLD 04-06-2010
	Tilt and Turn	HDLD 04-07-2010
	Sliding	HDLD 06-04-2014
		HDLD 10-01-2011
		HDLD 01-09-01
	Double Hung	HDLD 02-99-03
		HDLD 06-03-2014
Starr Window and Doors 214 Starr Street Brooklyn NY 11237	Double Hung	HDLD 05-03-2018
	Casement	HDLD 11-05-2019
Thomas Manufacturing Inc. 630 Ramsey Avenue Hillside, NJ 07205	Casement	HDLD 06-01-2015
Via Glass LLC 185 Varick Street, Suite 302 New York, NY 10014	Casement	HDLD 06-09-08

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MANUFACTURER	WINDOW TYPE	APPROVAL #
Wausau Window & Wall Systems 7800 International Drive Wausau, WI 54401 Phone: (715) 846-3324	Casement	HDLD 12-27-01 HDLD 12-28-01 HDLD 02-04-2014 HDLD 02-05-2014 HDLD 02-06-2014 HDLD 02-07-2014 HDLD 06-17-2014 HDLD 07-01-2021
Windloch LLC 3788 SW Armadillo Trail Arcadia, FL 34266	Casement	HDLD 04-06-2013
Windloch LLC 467 Brook Avenue Deer Park, NY 11729	Casement	HDLD 04-06-2013
Window NYC Inc 1467 53 Street Brooklyn NY 11219	Casement	HDLD 11-01-2023
Window Tech Systems Inc. 5 Old Stonebreak RD Malta NY 12020	Casement	HDLD 09-03-2019 HDLD 09-01-2024
Win-Vent Architectural Windows 2401 South Main Street Fort Scott, KS 66701	Casement	HDLD 02-02-2011
W & W Glass LLC 302 Airport Executive Park Nanuet, NY 10954	Casement	HDLD 07-05-01 HDLD 03-04-07 HDLD 08-08-04 HDLD 04-08-2010 HDLD 02-06-2011 HDLD 09-06-2013 HDLD 02-02-2014 HDLD 04-03-2014 HDLD 03-12-2016
Xelco Inc. 80 Hartford Avenue Mount Vernon, NY 10550 Phone: 664-6410	Double Hung	HDWG 10-98-03

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MANUFACTURER	WINDOW TYPE	APPROVAL #
YKK AP America Incorporated 7680 The Bluffs, Suite 100 Austell, GA 30168	Casement	HDLD 10-09-01 HDLD 01-09-05
YKK-AP America 270 Riverside Parkway Suite A Austell, GA, 30168	Casement	HDLD 04-03-2015
YUANDA USA CORP. 36 West Randolph Street Chicago, IL 60601	Awning	HDLD 02-02-2015
Zola Window 1169 Hilltop Parkway, Unit 201 Steamboat Springs, Colorado 802487	Casement	HDLD 04-02-2010

Section 2: Inactive Companies with Approved Window Guards and Limiting Devices

Below is a list of manufacturers the Department of Health and Mental Hygiene has determined are no longer in operation and/or manufacturing approved guards or limiting devices. Supplies of these guards and limiting devices may still be marketed by stores and suppliers. The approval remains in effect for these guards and limiting devices. The contact information below is the last known information available for the manufacturers in the Department's records.

MANUFACTURER	WINDOW TYPE	APPROVAL #
Advance Window Corp. 420 Broadway Newburgh, NY 12550	Double Hung	HDWG 07-89-93
Alert Glass & Shade Inc. 94 Smith Street Perth Amboy, NJ 08861	Slider	HDLD 08-94-07
All Weather, Inc. 2304 Silverdale Road P.O. Box 3370 CRS Johnson City, TN 37601	Double Hung	HDWG 09-84-66 HDWG 01-85-68
Aluma Trim 239 Richmond Street Brooklyn, NY 11208	Casement/Slider Slider Double Hung	HDWG 11-83-62 HDLD 01-94-03 HDLD 10-97-01 HDWG 06-79-49 HDWG 11-79-55 HDWG 08-83-60 HDWG 09-84-65 HDWG 04-86-72 HDWG 08-86-73 HDWG 06-90-97
Alpine Over Head Doors 309 Nassau Avenue Brooklyn, NY 11222	Double Hung Casement/Double Hung Slider Projecting	HDWG 02-77-12 HDWG 05-79-48 HDWG 05-79-47 HDWG 09-86-74 HDWG 10-78-30 HDWG 10-86-76 HDWG 05-79-45 HDWG 05-79-46
Amis International Brooklyn Navy Yard Building 292-Suite 104 Brooklyn, NY 11205	Double Hung	HDWG 10-84-67 HDWG 07-91-03 HDWG 06-91-05

Section 2: Inactive Companies with Approved Window Guards and Limiting Devices

MANUFACTURER	WINDOW TYPE	APPROVAL #
Apex Manufacturing Co., Inc. 43 First Street Passaic, NJ 07055	Double Hung Double Hung (XB Suffix extended Balance in place of Stopping device)	HDWG 05-87-91 HDWG 05-87-87XB
Bragley Shipping Corp. 924 Bergen Street Brooklyn, NY 11239	Double Hung Slider	HDWG 09-90-02 HDLD 03-01-07 HDLD 03-02-07
The Capco Group, Inc. 36-D Carlough Road Bohemia, NY 11716	Double Hung Casement Slider(stationary) Slider	HDWG 10-76-01 HDWG 11-76-08 HDWG 05-77-19 HDWG 06-77-20 HDWG 09-83-61 HDWG 06-90-99 HDWG 01-94-12 HDWG 04-77-15 HDWG 06-78-27 HDWG 11-78-31 HDWG 11-78-32 HDLD 01-94-01
Ecker Manufacturing Corp. 4055 Tenth Avenue New York, NY 10034	Double Hung	HDWG 06-90-98 HDWG 02-84-63
Elite Metal Products Corp. P.O. Box 366 Brooklyn, NY 11219	Double Hung	HDWG 10-86-79
Frieba Manufacturing P.O. Box 186 Brooklyn, NY 11218-0186	Double Hung	HDWG 06-87-88
H & G Manufacturing CO. 709 Sackett Street Brooklyn, NY 11217	Double Hung	HDWG 09-93-11
J.B. Slattery & Bros., Inc. 171 Wallabout Street Brooklyn, NY 11206	Double Hung	HDWG 11-86-91

Section 2: Inactive Companies with Approved Window Guards and Limiting Devices

MANUFACTURER	WINDOW TYPE	APPROVAL #
LL Building Products 295 McKoy Road Burgaw, NC 28425	Double Hung, Sliding, Jalousie & Casement	HDWG 08-98-02 HDWG 10-76-04 HDWG 10-76-05
Protonic Executive Offices 303 West Main Street Freehold, NJ 07728	Double Hung Sliding Casement/Projection	HDWG 07-77-21 HDWG 08-79-53 HDWG 06-97-02
Seasoned-All Industries Child Gard Inc. 1480 Wayne Avenue Indiana, PA 15701-0370	Double Hung	HDWG 04-82-57
Unifast Buildings 45 Gilpin Avenue P.O. Box 11065 Hauppauge, NY 11788	Double Hung	HDWG 10-86-78
United ACME Holding Company Route 9 South P.O. Box 348 Hudson, NY *Distributor for J.B. Slattery*	Double Hung	HDWG 09-90-01
Visor Builders, Inc. 12 E. Evergreen Avenue Homerdale, New Jersey 08030	Double Hung	HDWG 07-85-71 NYCHA

§12-08 Specifications, testing and installation of window guards.

All window guards installed in a window or window frame must meet the following specifications:

(a) *Construction.* Construction must be of rigid metal or of other equally durable rigid materials, without sharp projections, edges or rough surfaces.

(b) *Coatings.* Coatings must not contain lead in excess of the limits prescribed in Article 173 of the New York City Health Code.

(c) *Weather resistance.* Metals and coated metals must be weather and corrosion resistant.

(d) *Restrict window openings.* Window guards must allow no opening greater than four and one-half (4½) inches between the window jamb, frame, sill, and any moveable sash. Although the size of the opening above the upper sash of a double hung window is not restricted, a stop must be installed in the window frame so that there is no more than a four and one-half (4½) inch opening between the top of the highest horizontal bar of the installed window guard and the bottom rail of the upper sash.

(e) *Tested to withstand at least 150 pounds impact.* Each window guard must be tested by an independent testing laboratory and must demonstrate the ability to withstand the impact of at least a 150-pound load when a guard is extended to its maximum width or a window with an installed limiting device is opened, without increasing any opening in the guard grid or in a window that is more than four and one-half (4½) inches in any direction. A window guard that in testing shows any degree of deflection creating an opening exceeding four and one half (4½) inches must be further tested to demonstrate that such opening does not permit passage of a five-inch solid sphere. When a window guard will be used in window openings of different sizes, tests must validate use with each size.

(f) *Installation*. Window guards must be installed only in window frames that are structurally sound and intact or that have been reinforced to permit correct permanent installation of window guards. Window frames that are not intact must be repaired or replaced.

(g) *Screws.* All screws used to secure window guards must be counter-sunk so as to be flush with the jamb or other window frame component.

(1) One-way or other metal screws supplied by the manufacturer must be used to mount window guards. Screws used must be types not readily removable by standard flat-blade slotted or Phillips-head screwdrivers.

(2) Screws must be either (i) minimum size #10 and long enough to penetrate one inch into a wooden window frame, or (ii) of an adequate type, size and length to be securely fastened to window frames made of other materials.

(h) *Permanent identification.* All window guards must bear a Department registration number die stamped on the window with a built-in limiting device, separately installed limiting device or on one of the end bars of the window guard so as to be readily visible when viewed from within the room where the window or guard has been installed.

(i) *Installation kits.* Each window guard or window with a built-in window guard sold by a manufacturer must be packaged and sold with all hardware necessary for installation and instructions, including:

(1) *Stops.* "L" shaped or other stops.

(2) *Screws.* Specified screws for installation of window guard. If wood screws are supplied by the manufacturer, a warning label must be printed on the package containing the screws stating that for installation in frames made of other materials, appropriate type, size, and length screws must be substituted.

(3) *Installation and maintenance instructions and warnings.* The manufacturer's written instructions for safe installation and maintenance must be supplied in the manufacturer's packaging with each window guard or window with a built-in window guard, in English, specifying the types and dimensions of the windows in which the device may be used and must contain the following warnings regarding limitations for use, prominently displayed on instruction sheets:

WARNING

USE OF THIS GUARD OR DEVICE TO ALLOW A WINDOW TO BE OPENED MORE THAN FOUR AND ONE-HALF (4½) INCHES IS DANGEROUS AND ILLEGAL.

THIS GUARD OR DEVICE MUST BE INSTALLED IN A STRUCTURALLY SOUND WINDOW FRAME.

NO WINDOW GUARD MAY BE INSTALLED IN WINDOWS PROVIDING ACCESS TO FIRE ESCAPES OR OTHER MEANS OF EMERGENCY ESCAPE AND RESCUE.

§12-09 Specifications for traditional window guards (TWGs) installed in double hung windows; permanent installation of window air conditioners.

TWGs installed in double hung windows must meet the following specifications:

(a) *Window and grid openings.* There must be no openings greater than four and one-half (4½) inches (i) between the vertical bars of the installed TWG and the sides of the window frame, (ii) between the lowest horizontal bar of the installed TWG and the window stool, (iii) between any horizontal or vertical bars in the TWG grid, or (iv) between the top of the highest horizontal bar of the installed TWG and the bottom rail of the upper sash.

(b) *Tested to withstand at least 150 pounds impact.* All TWGs must be tested by an independent testing laboratory to show that they are able to withstand the impact of

a 150-pound load at center span when the guard is extended to maximum width without increasing any opening in the grid more than four and one-half (4½) inches. A test with the TWG attached in accordance with the manufacturer's installation instructions must be performed and the results, including information as to temporary or permanent distortion, certified by an independent laboratory or a professional engineer or professional architect when the TWG is registered. When a TWG is manufactured in more than one size, each size must be tested, and all test results must be submitted to the Department with the manufacturer's application for registration.

(c) *Height*. TWGs must be a minimum of 15 inches high measured along the vertical bars.

(d) *Mounting holes.* The outer vertical bars must each have at least two holes for permanent mounting in the window opening frame or window jamb. If TWGs are more than 15 inches high, additional mounting holes are required to provide no more than a maximum interval of 18 inches between mounting holes.

(e) *Non-telescoping bars.* TWGs with non-telescoping bars must have a permanent spot weld on at least two of the horizontal bars to provide a minimum of two inches overlap when the guard is fully extended.

(f) *Telescoping bars.* A TWG with telescoping bars extended to their maximum allowable width must have:

(1) A minimum overlap of five inches or one-third of the length of each horizontal bar, whichever is greater;

(2) An additional rigid vertical support at the telescopic opening of the outer tubing of the bars, that prevents spreading of the bars; and

(3) The following permanent label must be affixed on at least one horizontal bar on each facing surface where the (*) indicates the number of inches appropriate to the specific model:

WARNING
EXTENSION OF THIS BAR BEYOND (*) INCHES IS
DANGEROUS AND ILLEGAL

(g) *Stops*.

(1) In double hung windows, rigid metal "L" shaped stops that are at least one-half the width of the window track and each leg of which measures at least two inches must be installed securely with two screws in the upper tracks of each side of the bottom window to prevent the lower window from being raised more than four and one-half (4½) inches above the lowest section of the top horizontal bar of the TWG.

(2) Where "L" shaped stops cannot be placed in the window track without interfering with the normal operation of the window, a rigid metal strip may be securely fastened

across the track of the bottom window to prevent the lower window from being raised more than four and one-half (4½) inches above the lowest section of the top horizontal bar of the TWG. Strips must be mounted on each of the windows and secured by two screws on each side of the window track.

(3) Where neither of the stops described in paragraphs (1) and (2) above can be used, such as in ballast balanced windows, rigid metal "L" shaped stops may be securely fastened to the frame of the window to prevent the lower window from being raised more than four and one-half (4½) inches above the lowest part of the top horizontal bar of the TWG. A stop must be mounted on each side of the exterior lower window frame and secured by two screws in each stop.

(4) Stops are not required where TWGs are installed that are of sufficient height to prevent an opening of more than four and one-half (4½) inches above the lowest section of the top horizontal bar of the TWG when the lower window is raised to its maximum open position.

(h) *Instructions*. In addition to the instructions required for all window guards set forth in §12-08, instructions for installation of TWGs must specify that:

(1) TWGs must be installed so that the bottom horizontal bars are mounted no more than four and one-half (4½) inches above the window stool; and

(2) "L" shaped stops supplied by the device manufacturer, or alternative stopping devices, must be installed with the screws provided to limit movement of the bottom sash so it cannot be raised more than four and one-half (4½) inches above the highest horizontal bar of the TWG.

(i) *Window air conditioning units*. Additional window guards are not required for windows in which air conditioning units have been permanently installed in double hung windows as follows:

(1) The air conditioning unit is securely bolted into the window stool or sill using tamper-resistant one-way screws without leaving any open space greater than four and one-half (4½) inches;

(2) Two metal “L” shaped stops or brackets are installed in the window frame (one on each side of the bottom sash) to prevent the lower window sash from opening more than four and one-half (4½) inches above the air conditioner unit; and

(3) The building owner has inspected and approved the permanent installation and verified that the requirements of paragraphs (1) and (2) of this subdivision are satisfied.

(j) *Ornamental and security bars*. When a child resides or will reside in a dwelling unit in which windows are equipped with permanently affixed exterior metal ornamental or security bars, an owner who wishes to allow such bars to serve as window guards

must test such bars and apply to have them registered in accordance with §12-11 of this Chapter.

§12-10 Installation of limiting devices.

Limiting devices may be used alone only as follows:

(a) *Sliding windows*. A solid metal block, measuring at least one-half the depth of the window jamb track and one-half the width of the track, must be securely fastened by two screws into the bottom window jamb track, and a solid metal block or an "L" shaped metal stop must be securely fastened by two screws into the upper jamb window track, to prevent the window from opening more than four and one-half (4½) inches.

(b) *Vertical pivoting windows.* Metal stopping devices must be securely fastened to the upper and lower window frames by two screws so as to prevent the window from pivoting open more than four and one-half (4½) inches. The height of the stopping devices must extend no less than one inch nor more than two inches beyond the window frame as needed to stop the window. The protruding edge of the stopping device must be smooth and rounded.

(c) *Upper sash of double hung windows*. Limiting devices may be installed to the upper sash of a double hung window to prevent the sash from being opened by more than four and one-half (4½) inches from the top rail of the window opening, provided that a TWG or air conditioner is installed in the lower sash of the window in accordance with section 12-09.

§12-11 Registration of window guards.

(a) *Registration required*. The manufacturer of a window fall prevention device that such manufacturer intends to sell in or for use in New York City must register such device with the Department using the Department website prior to its installation for use as a window guard.

(b) *Required submissions*. Applications for registration must be submitted on forms provided by the Department and include the following:

(1) *Certification.* A signed certification from a New York state licensed professional engineer or professional architect registered in the state of New York stating that the guard, device or window has been tested by an independent testing laboratory and complies with the standards specified in section 12-08.

(2) *Applicable window types.* Detailed descriptions and drawings of the types and sizes of windows in which the guard or device is to be installed.

(3) *Installation instructions, warnings and hardware.* Copies of instructions for installation, warnings about limitations and mounting hardware for each specific type of window, including screws to be used.
(4) *Testing results.* Proposed window guards must be tested using simulated installation conditions showing that they limit window openings and withstand the weight stress specified by this Chapter and that the guard or device or window complies with all other applicable provisions. Laboratory certified test results must demonstrate the integrity of each size of guard or device after impact with a 150-pound weight and the guard or device's ability to maintain no more than four and one-half (4½) inch opening in any direction. "L-shaped" stops used with TWGs do not require testing. "L-shaped" and other stops or devices used alone must be tested as required by this section.
(5) *Schematic drawings.* Schematic drawings of the guard, limiting device or window with built-in limiting device, indicating adherence to specifications in section 12-08 and specifying the range of sizes of windows in which such guard, device or window may be used. If the Department determines that the drawings submitted are not sufficient to demonstrate safety and efficacy, it shall require the applicant to submit more detailed information and/or sample prototypes.
(6) *Lead content and corrosion resistance.* A letter from the paint manufacturer stating that the paint used to coat the guard, device or window, if any, is not lead-based paint and is corrosion resistant.
(7) *Permanent identification.* Manufacturer's identification number, coding symbol and dating code for each size and model.

(c) *Method of application*.

(d) *Requests for additional information or materials.* When deemed necessary by the Department, submission of additional reports or tests may be required prior to granting approval for registration.

(e) *Completion of registration*. Once the Department has received all of the information it deems necessary to approve the proposed window guard, it will notify the applicant of such approval and assign a registration number to the window guard. Registration is not complete, and a product is not registered, until the Department has designated a registration number.

§12-12 Modification by Commissioner.

When the Department determines that the strict application of any provision of this Chapter presents practical difficulties, the Commissioner or their designee may, in a specific instance, modify the application of such provision consistent with the general purpose of this Chapter and upon such condition(s) as are necessary to protect life and

health. Failure to comply with the terms of a modification may render such modification null and void and result in enforcement by the Department. The denial of a request for modification by the Commissioner shall be deemed a final agency determination.

§12-13 Civil Penalties.

(a) Failure of an owner to provide a notice required pursuant to section 12-03 (a) to any occupant of a multiple dwelling is punishable by a civil penalty of five hundred dollars per dwelling unit, per year.
(b) Failure of an owner to post a notice required pursuant to section 12-03(b) is punishable by a civil penalty of five hundred dollars per violation, per year.
(c) An owner's use of a notice form that was not provided or approved by the Department pursuant to section 12-03 is punishable by a civil penalty of five hundred dollars per dwelling unit per year.
(d) Failure of an owner of a multiple dwelling to provide copies of completed notices received from occupants to the Department pursuant to section 12-03(e), is punishable by a civil penalty of five hundred dollars per multiple dwelling per year.
(e) Failure of a manufacturer to register a window fall prevention device as required pursuant to section 12-11(a) is punishable by a civil penalty of one thousand dollars per violation.