

Understanding the Basics

Each year, young children at risk of falls are injured or die in falls from unguarded windows. To address the incidence of preventable falls and fatalities, in 1976 the New York City Board of Health enacted legislation known as Health Code Section 131.15.

The window guard law, Health Code Section 131.15, requires owners of multiple dwellings (buildings of 3 or more apartments) to provide and properly install approved window guards on all windows - this includes, first floor bathroom and windows leading onto a balcony or terrace in an apartment where a child (or children) 10 years of age or younger reside and in each hallway window, if any, in such buildings.

The exceptions to this law are:

- windows that open onto fire escapes
- a window on the first floor that is a required secondary exit in a building in which there are fire escapes on the second floor and up.

The New York City Council in Local Law 33, 1986, amended the Administrative Code adding a new section, 556-19.0 to Title A Chapter 22, re-codified as Section 17-123, requiring the following notices to be sent to tenants or occupants of multiple dwellings in relation to window guards.

By law, (1) Window Guards Required Lease Notice to Tenant or Occupant (Appendix A). This form must be completed and returned to management when a new lease is entered into or when a lease is renewed. In addition, a landlord or management must send an Annual Notice to Tenant or Occupant (Appendix B). This form must also be completed and returned to management.

If tenants or occupants want window guards for any reason, even if there are no resident children in the covered age category, they should request them in writing and they may not be refused. Examples:

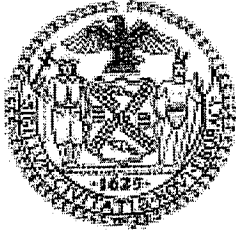
- grandparents who have visiting children
- parents who share intermittent custody
- occupants who provide child care.

If required or requested window guards have not been installed or if they appear to be insecure or improperly installed, or if there is more than 4 ½ inches of open unguarded space in the window opening, a complaint should be made immediately to **311**.

For more information on Window Guards, call **311**.

City of New York
Health Dept. Ord.

RECEIVED
AUG 19 2009
GROWTH MANAGEMENT
DEPARTMENT



THE CITY OF NEW YORK

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

Michael R. Bloomberg
Mayor

Thomas R. Frieden, M.D., M.P.H.
Commissioner

nyc.gov/health

WINDOW GUARD POLICY AND ACCEPTANCE BOARD

253 BROADWAY-6TH FLOOR-BOX CN59-A

NEW YORK, NEW YORK 10007

212-676-2162

Web Site: www.nyc.gov/health

The manufacturers listed below have had window guards approved by this The Window Guard Policy and Acceptance Board.
Additional sources will be added as other guards are approved.

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 ½ INCHES OF OPEN, UNGUARDED SPACE IN ANY WINDOW OPENING.

NOTE:

WHEN INSTALLING A 15" HIGH GUARD IN A DOUBLE HUNG WINDOW: INSTALL THE ASTOPS® WITH ONE WAY SCREWS PROVIDED, ONE ON EACH SIDE, IN THE INNER TRACK UPON WHICH THE LOWER SASH RIDES TO LIMIT THE RISE OF THE LOWER WINDOW TO A MAXIMUM OF 4 ½ INCHES ABOVE THE WINDOW GUARD. WHEN A TALLER GUARD IS USED - WHICH LIMITS THE SPACE ABOVE THE TOP HORIZONTAL BAR TO 4 ½ 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 PRESCRIBED LIMITS IS DANGEROUS AND UNLAWFUL.

NOTE:

SEE LISTING OF ALTERNATIVE DEVICES ON PAGES 14, 15 & 16 FOR USE IN WINDOWS OTHER THAN DOUBLE HUNG.

| <u>MANUFACTURER</u> | <u>MODEL</u> | <u>WINDOW TYPE</u> | <u>APPROVAL #</u> |
|--|---|---|---|
| ADVANCE WINDOW CORP. 420 Broadway Newburgh, NY 12550 Contact: Lawrence Toscano *no longer operating* | A4 - 24 A4 - 38 A4 - 52 A5 - 24 A5 - 38 A5 - 52 | Double Hung Narrow 4 bar Medium 4 bar Wide 4 bar Narrow 5 bar Medium 5 bar Wide 5 bar | HDWG 07-89-93 |
| <u>MANUFACTURER</u> | <u>MODEL</u> | <u>WINDOW TYPE</u> | <u>APPROVAL #</u> |
| ALL WEATHER, INC. 2304 Silverdale Road P.O. Box 3370 CRS Johnson City, TN 37601 contact: Gary Forslin Mel Corvard 231-282-1121 800-423-0741 | AW Series AW 24 AW 23 AW 13 AW 122010 AW 122015 AW 122020 | ALUMINUM GUARD Double Hung 1'7" - 2'10" x 1'8" 3 bars 1'7" - 2'10" x 1'3" 2 bars 1'2" - 2' 0" x 1'3" 2 bars 12" - 20"W x 10"H 2 bars 12" - 20"W x 15"H 3 bars 12" - 20"W x 20"H 4 bars | HDWG 09-84-66 NYCHA HDWG 01-85-68 |

no longer operating

| | |
|-----------|--------------------------|
| AW 183010 | 18" - 30"W x 10"H 2 bars |
| AW 183015 | 18" - 30"W x 15"H 3 bars |
| AW 183020 | 18" - 30"W x 20"H 4 bars |
| AW 183025 | 18" - 30"W x 30"H 5 bars |
| AW 244215 | 24" - 42"W x 15"H 3 bars |
| AW 244220 | 24" - 42"W x 20"H 4 bars |
| AW 244225 | 24" - 42"W x 25"H 5 bars |
| AW 285015 | 28" - 50"W x 15"H 3 bars |
| AW 285020 | 28" - 50"W x 20"H 4 bars |
| AW 285030 | 28" - 50"W x 30"H 6 bars |
| AW 223825 | 22" - 38"W x 25"H 5 bars |
| AW 223815 | 22" - 38"W x 20"H 4 bars |
| AW 223815 | 22" - 38"W x 15"H 3 bars |
| AW 162615 | 16" - 26"W x 15"H 3 bars |

| <u>MANUFACTURER</u> | <u>MODEL</u> | <u>WINDOW TYPE</u> | <u>APPROVAL #</u> |
|-------------------------|---------------|-----------------------|-------------------|
| ALPINE OVER HEAD DOORS | 2311 | Double Hung | HDWG 02-77-12 |
| 309 Nassau Avenue | | 23" - 42" | |
| Brooklyn, NY | 2422 | D-1 23" - 42" | HDWG 10-78-30 |
| 800-257-4634 | | Casement | HDWG 10-78-30 |
| *no longer manufactures | | C-1 thru C-9 | |
| window guards* | | 17" x 45" | |
| | 2444 | Double Hung | HDWG 05-79-48 |
| | | 36" - 65" | |
| | 2445 | Double Hung | HDWG 05-79-47 |
| | | 36" - 65" | |
| | S-1 thru S-8 | Sliding | HDWG 05-79-45 |
| | | 16" x up to 75" | |
| | P-1 thru P-23 | Projecting | HDWG 05-79-46 |
| | | 27" - 58" | |
| Telescoping bars | A- ½ | Double Hung | HDWG 09-86-74 |
| | | Wood, Aluminum, Steel | |
| | | or Vinyl frames | |
| | | 14" - 24" | |
| | A-1 | 22 ½" - 38" | |
| | A-2 | 28" - 50" | HDWG 09-86-74 |
| | A- ½ A | Double Hung, Casement | HDWG 10-86-76 |
| | | Projected | |
| | | 16" - 28" | |
| | A-1A | 22" - 28" | |
| | A-2A | 28" - 50" | |

| <u>MANUFACTURER</u> | <u>MODEL</u> | <u>WINDOW TYPE</u> | <u>APPROVAL #</u> |
|---------------------|--------------|----------------------------|-------------------|
| ALUMA TRIM | WG 1542 | Double Hung (Aluminum) | HDWG 06-79-49 |
| 239 Richmond St. | | welded-telescopic | |
| Brooklyn, NY 11208 | | 23 ½" - 42"W x 15"H 3 bars | |
| | | x 20"H 4 bars | |
| | | x 25"H 5 bars | |
| | | x 30"H 6 bars | |
| Contact: David York | | | |
| Dave Malinson | WG 1550 | Double Hung (Aluminum) | HDWG 11-79-55 |
| 718-647-5700 | | welded-telescopic | |
| | | 36 ¾" - 49"W x 15"H 3 bars | |
| | | W x 20"H 4 bars | |
| | | W x 25"H 5 bars | |
| | | W x 30"H 6 bars | |
| | WG 1550A | Double Hung (Aluminum) | HDWG 08-83-60 |

| | | |
|----------------------------------|---|---------------|
| WG 1550A-X | 37 1/2" - 61"W x 15" - 25"H Modification | HDWG 08-83-60 |
| WG 1550-SO | 37 1/2" - 63" x 25 3/4" | |
| Special Order (Bathroom Size) | Double Hung (Aluminum) welded-telescopic | HDWG 09-84-65 |
| WG 6832 | Sliding or Casement (Aluminum) 10" - 60"W x 80"H | HDWG 11-83-62 |
| WG 6832A | 12" - 60"W x 80"H (Stops provided for sliders where required) | HDWG 04-86-72 |
| 4B-1500 Double Hung (Aluminum) | non-welding - non-telescopic | HDWG 08-86-73 |
| | 28" - 54"W x 15"H 3 bars | |
| | x 20"H 4 bars | |
| | x 25"H 5 bars | |
| | x 30"H 6 bars | |
| 1500 A1 | 28" - 54"W x 15"H 3 bars | |
| A2 | 28" - 54"W x 20"H 4 bars | |
| A3 | 28" - 54"W x 25"H 5 bars | |
| A4 | 28" - 54"W x 30"H 6 bars | |
| 1500B1 | 22" - 38"W x 15"H 3 bars | |
| B2 | 22" - 38"W x 20"H 4 bars | |
| B3 | 22" - 38"W x 25"H 5 bars | |
| B4 | 22" - 38"W x 30"H 6 bars | |
| 1500C1 | 16" - 26"W x 15"H 3 bars | |
| C2 | 16" - 26"W x 20"H 4 bars | |
| C3 | 16" - 26"W x 25"H 5 bars | |
| C4 | 16" - 26"W x 30"H 6 bars | |
| 1500D1 | 22" - 42"W x 15"H 3 bars | |
| D2 | 22" - 42"W x 20"H 4 bars | |
| D3 | 22" - 42"W x 25"H 5 bars | |
| D4 | 22" - 42"W x 30"H 6 bars | |
| 1500 S/O | 10" - 54"W x 20"H 3-6 bars | |
| Special Order | | |
| 4B-1500 Series | Double Hung, non-welded | HDWG 06-90-97 |
| Modified | non-telescopic | |
| Model# A2-X | 28" 0 29"W x 20" | |

| <u>MANUFACTURER</u> | <u>MODEL</u> | <u>WINDOW TYPE</u> | <u>APPROVAL #</u> |
|--|-----------------|--|-------------------|
| AMIS INTERNATIONAL Brooklyn Navy Yard Building 292-Suite 104 Brooklyn, NY 11205 | A-1 | Double Hung 12" - 58"W x 15" - 35"H | HDWG 10-84-67 |
| * no longer operating* | #-1 | 12" - 21" x 15" 3 bars | |
| | Bar Diam. 5/16" | 12" - 21" x 20" 4 bars | |
| | | 12" - 21" x 25" 5 bars | |
| | | 12" - 21" x 30" 6 bars | |
| | | 12" - 21" x 35" 7 bars | |
| | #-2 | 21" - 39" x 15" 3 bars | |
| | Bar Diam. 5/16" | x 20" 4 bars | |
| | | x 25" 5 bars | |
| | | x 30" 6 bars | |
| | | x 35" 7 bars | |
| | #-3 | 30" - 58" x 15" 3 bars | |
| | Bar Diam. 3/8" | x 20" 4 bars | |
| | | x 25" 5 bars | |
| | | x 30" 6 bars | |
| | | x 35" 7 bars | |
| | | Double Hung | HDWG 07-91-03 |

| | | |
|--------------------|-----------------------------------|---------------|
| A1 - 3-8 5/16 RODS | | |
| A2 - 3-8 5/16 RODS | | |
| A3 - 3-8 5/16 RODS | | |
| A4 - 3-8 3/8 RODS | | |
| | Double Hung | HDWG 06-91-05 |
| A3 - A8 | 10" x 18" x 15" - 10" x 18" x 40" | |
| B3 - B8 | 16" x 26" x 15" - 16" x 26" x 40" | |
| C3 - C8 | 22" x 38" x 15" - 22" x 38" x 40" | |
| D3 - D8 | 28" x 50" x 15" - 28" x 50" x 40" | |

| <u>MANUFACTURER</u> | <u>MODEL</u> | <u>WINDOW TYPE</u> | <u>APPROVAL #</u> |
|--|--------------|---|-------------------|
| APEX MANUFACTURING CO., INC. 43 First Street Passaic, NJ 07055 Ozzie Maldonado, 815-779-6635 | APX-2 | Double Hung 26 1/2" - 48" | HDWG 05-87-91 |
| | APX-1 | XB Suffix (extended balance in place of stopping device) | HDWG 05-87-87-XB |

no longer operating

| <u>MANUFACTURER</u> | <u>MODEL</u> | <u>WINDOW TYPE</u> | <u>APPROVAL #</u> |
|--|--------------|---|-------------------|
| BRAGLEY SHIPPING CORP. 924 Bergen Street Brooklyn, NY 11239 *no longer operating* | BRG. 22-3 | Double 22" x 40" (Non-toxic zinc plating galvanized metal) | HDWG 09-90-02 |

| <u>MANUFACTURER</u> | <u>MODEL</u> | <u>WINDOW TYPE</u> | <u>APPROVAL #</u> |
|---|------------------------------|----------------------------------|-------------------|
| THE CAPCO GROUP, INC. 36-D Carlough Road Bohemia, NY 11716 *No longer operating* | CSG-42 | Double Hung | HDWG 10-76-01 |
| | D-1 | 22" - 38" | |
| | D-2 | 28" - 50" | |
| | D-3 | 12" - 28" | |
| | CSG-42A | Double-Hung (Aluminum) | HDWG 11-76-08 |
| | D-1 | 22" - 38" | |
| | D-2 | 38" - 50" | |
| | D-3 | 12" - 18" | |
| | D-4 | 16" - 28" | |
| | CSG-42AA | Double Hung (3/4" Channel) | HDWG 05-77-19 |
| | D-1 | 22" - 38" | |
| | D-2 | 28" - 50" | |
| | D-3 | 12" - 18" | |
| | D-4 | 16" - 28" | |
| | CSG-42B (3/4" end stiles) | Double Hung (Wood, Metal) | HDWG 06-77-20 |
| | CW-77 | Casement | HDWG 04-77-15 |
| | CW-77A | Casement | HDWG 06-78-27 |
| | CW-77S Sliding | (Adjust) 44" x 52" | HDWG 11-78-31 |
| | CW-77S Sliding (Stationary) | 44" x 52" | HDWG 11-78-32 |
| | CSG-40A | Double Hung | HDWG 09-83-61 |
| | Aluminum | D-1 22" - 38" | |
| | | D-2 28" - 50" | |
| | | D-3 12" - 18" | |
| | | D-4 16" - 28" | |
| | CSG-50A | Double Hung Extruded Aluminum | HDWG 06-90-99 |
| | | D-1 21 2 A - 39" | |

TCG-22 D-2 29" - 50"
 D-3 12" - 28"
 D-4 17" - 30"
 Double Hung HDWG 01-94-12

| <u>MANUFACTURER</u> | <u>MODEL</u> | <u>WINDOW TYPE</u> | <u>APPROVAL #</u> |
|---|-------------------------|--|-------------------|
| CHAMPION ALUMINUM CORP. 140 Eileen Way Syosset, NY 11791 516-921-6200 | CA #1 CA #2 CA #3 | Double Hung 16" - 29" x 15" 22" - 41" x 15" 28" - 53" x 15" | HDWG 02-91-04 |

| <u>MANUFACTURER</u> | <u>MODEL</u> | <u>WINDOW TYPE</u> | <u>APPROVAL #</u> |
|---|--------------|---|-------------------|
| CHETMAN CONSTRUCTION COMPANY 14-56 31 st Drive Long Island City, NY 11106 718-956-4444 | CI-44S | Sliding Windows 25 2" - 36"W x 16 3/4"H 33 1/4" - 48"W x 23 1/2"H 33 1/4" - 48"W x 27 1/2"H 41" - 60"W x 27 1/2"H | HDWG 10-86-77 |

| <u>MANUFACTURER</u> | <u>MODEL</u> | <u>WINDOW TYPE</u> | <u>APPROVAL #</u> |
|---|------------------|---|-------------------|
| CORCRAFT NYS Dept. of Correctional Services Division of Industries 550 Broadway Menands, NY 11204 Contact: John Conroy 516-436-6321 | L00080 L00009 | Double Hung 22" - 43"W x 15"H 11" - 23"W x 15"H | HDWG 06-82-57 |

| <u>MANUFACTURER</u> | <u>MODEL</u> | <u>WINDOW TYPE</u> | <u>APPROVAL #</u> |
|---|---|--|--|
| ECKER MANUFACTURING CORP. 4055 Tenth Avenue New York, NY 10034 | 411 NYCHA Extruded Aluminum A A A | Double Hung 26 1/2" - 50" x 15"H 3 bars 26 1/2" - 50" x 20"H 4 bars 26 1/2" - 50" x 50"H 5 bars | HDWG 06-90-98 |
| *no longer operating* | B B B C C C | 20 1/2" - 38" x 15"H 3 bars 20 1/2" - 38" x 20"H 4 bars 20 1/2" - 38" x 25"H 5 bars 14 1/2" - 26" x 15"H 3 bars 10" - 26" x 20"H 4 bars 14 1/2" - 26" x 26"H 5 bars | HDWG 06-90-98 |
| | 1700 CG A-1 A-4 B-2 B-4 C-1 | Double Hung 28" - 50"W x 15"H 22" - 38"W x 30"H 16" - 26"W x 15"H | HDWG 02-84-63 (Previously manufactured by Mannix Industries) |

| <u>MANUFACTURER</u> | <u>MODEL</u> | <u>WINDOW TYPE</u> | <u>APPROVAL #</u> |
|---|---|--|------------------------|
| EFCO CORPORATION 1000 Country Road P.O. BOX 609 Monett, Missouri 65708 Contact: Gary Elsay 1-417-235-3193 Maximum spacing is 4 1/2" daylight opening *(IN HOUSE- ONLY) | * Approved: Specifically for Stuyvesant Town/Peter Cooper STUY. PC. #1 | 1 2' - 4 3/8" x 4" - 7/8" Mark A 1' - 4 3/8" x 4' - 9 3/8" Mark B 1' - 2 1/4" x 2' - 11 3/18" Mark C 1' - 4 3/8" x 2' - 10 7/8" Mark EL 1' - 8 5/18" x 4' - 99 3/8" Mark F | HDWG 06-91-06 ST/PC |

| <u>MANUFACTURER</u> | <u>MODEL</u> | <u>WINDOW TYPE</u> | <u>APPROVAL #</u> |
|-------------------------------|--------------|--------------------------|-------------------|
| ELITE METAL PRODUCTS CORP. | EL-507 | Double Hung 23" - 39" | HDWG 10-86-79 |

P.O. Box 366
 Brooklyn, NY 11219
 Contact: Isaac Stern
 718- 435-8544
 no longer operating

| <u>MANUFACTURER</u> | <u>MODEL</u> | <u>WINDOW TYPE</u> | <u>APPROVAL #</u> |
|---|--|--|------------------------------------|
| FOURTH GENERATION INC. dba: TS GATES & GUARDS 202 12 th Avenue Paterson, NJ 07501 718-378-0900 973-523-7323 | FGI-CSG-C FGI-CSG-AL (Aluminum Child Guard) | Double Hung, Sliders, Casements Height for 3 bars 15" to 12 bars - 60" Double Hung, Sliders, Casements 15" - 60" 12 bars | HDWG 06-96-15 HDWG 06-97-01 |

| <u>MANUFACTURER</u> | <u>MODEL</u> | <u>WINDOW TYPE</u> | <u>APPROVAL #</u> |
|---|--------------|--------------------------|-------------------|
| FRIEBA MANUFACTURING P.O. BOX 186 Brooklyn, NY 11218-0186 | WG-3 | Double Hung 24" - 42" | HDWG 06-87-88 |

Contract: Abraham Friedman
 718-625-3759 or
 718-832-1579
 no longer operating

| <u>MANUFACTURER</u> | <u>MODEL</u> | <u>WINDOW TYPE</u> | <u>APPROVAL #</u> |
|--|---|--|--|
| GRAHAM ARCHITECTURAL PRODUCTS CORPORATION 1551 Mount Rose Avenue York, Pa 17403 *Contact: Russell C. Trout 718-848-3755 *Sales Office: Contact: Bruce Tersi GRAHAM CONSTRUCTION 560 Hudson Street Hackensack, NJ 201- 641-1575 *No longer operating* | WG-447A WG-447B WG-447C WG 500 Double Hung | Double Hung 18" maximum width Double Hung 25 1/2" maximum width Double Hung 36 3/4" maximum width Double Hung 16" - 26", 22" - 28", 25" - 50" | HDWG 08-83-59 HDWG 02-84-63 |

| <u>MANUFACTURER</u> | <u>MODEL</u> | <u>WINDOW TYPE</u> | <u>APPROVAL #</u> |
|--|---|---|-------------------|
| H & G MANUFACTURING CO. 709 Sackett Street Brooklyn, NY 11217 *no longer operating* | Model WX 100 14 1/4-24 1/4 Model WX 600 32 1/2 -60 1/5 | Double Hung - 3 bar 3/8" diameter solid steel Horizontal bars - 2 1/16" thick U shaped steel vertical channels Double Hung - 4 bar 3/8" diameter solid steel Horizontal bars - 2 1/6" thick U shaped steel vertical channels | HDWG 09-93-11 |

| <u>MANUFACTURER</u> | <u>MODEL</u> | <u>WINDOW TYPE</u> | <u>APPROVAL #</u> |
|--|--------------|--------------------|-------------------|
| HOWARD BERGER Co., INC. 1 South Middelsex Avenue Monroe Township, New Jersey 08831 | | Double Hung | HDWG 08-04-02 |

609-860-9990

| | |
|--------|----------------------------------|
| KA1558 | 3 Bar with 2 collars - 31" x 58" |
| KA1538 | 3 Bar 22" x 38" |
| KA2538 | 5 Bar with 1 collar - 25" x 38" |
| KA2562 | 5 Bar with 2 collars - 25" x 62" |

| <u>MANUFACTURER</u> | <u>MODEL</u> | <u>WINDOW TYPE</u> | <u>APPROVAL #</u> |
|--|----------------------|---|---|
| JAI DAN INDUSTRIES, INC. 93-08 1580 th Street Jamaica, NY 11433 Contact: Richard Sussman 1-718-526-7800 *Disconnected* | CG 5200 Series CG | Double Hung 52" x 24"W 15"H 3 bars 52" x 18"W 20"H 4 bars 52" x 32"W 25"H 5 bars 52" x 36"W 30"H 6 bars 52" x 44"W 35"H 7 bars | HDWG 10-84-67 (Formerly manufactured by SWS Industries, Inc.) |
| | C-2 | 12" - 20"W x 20"H 4 bars | |
| | C-3 | 12" - 25"W x 25"H 5 bars | |
| | C-4 | 12" - 30"W x 30"H 6 bars | |

| <u>MANUFACTURER</u> | <u>MODEL</u> | <u>WINDOW TYPE</u> | <u>APPROVAL #</u> |
|--|--|--|-------------------|
| J. B. SLATTERY & BROS., INC. 171 Wallabout Street Brooklyn, NY 11206 Contact: Martin Beck 718-387-2220 I. Minzer 718-643-9849 Authorized Distributor United Acme Holding Co. Rte. 9 South P.O. Box 348 Hudson, NY 12354 Contact: Moses Goldman 518- 828-4191 *No longer operating* | J.B.A. A-1 A-2 A-3 A-4 J.B.B. B-1 B-2 B-3 B-4 J.B.C. C-1 C-2 C-3 C-4 J.B.S. B-1 B-2 B-3 B-4 C-1 C-2 C-3 C-6 | Double Hung 28" - 50"W x 14"H 3 bars 28" - 50"W x 20"H 4 bars 28" - 50"W x 25"H 5 bars 28" - 50"W x 30"H 6 bars (11/21/89) 22" - 38"W x 15"H 3 bars 22" - 38"W x 20"H 4 bars 22" - 38"W x 25"H 5 bars 22" - 38"W x 30"H 6 bars 16" - 26"W x 15"H 3 bars 16" - 26"W x 20"H 4 bars 16" - 26"W x 25"H 5 bars 16" - 26"W x 30"H 6 bars 20" - 38"W x 15"H 3 bars 20" - 38"W x 20"H 4 bars 20" - 38"W x 25"H 5 bars 20" - 38"W x 30"H 6 bars 12" - 20"W x 15"H 3 bars 12" - 20"W x 20"H 4 bars 12" - 25"W x 25"H 5 bars 12" - 30"W x 30"H 6 bars | HDWG 11-86-91 |

| <u>MANUFACTURER</u> | <u>MODEL</u> | <u>WINDOW TYPE</u> | <u>APPROVAL #</u> |
|--|---|--|---|
| JOHN STERLING CORP. 1113 11600 Sterling Parkway P.O. BOX 469 Richmond, Illinois 60071 815-678-2031 Jerry Shrenski Ron Zromkowsky | 1123 1125 1123L 1123-S 1124 | Double Hung 24" - 42"W 3 bars 24" - 42"W 3 bars 24" - 42"W 5 bars 42" - 58"W 3 bars 1120 Series 14 1/2" - 24 1/2" 42" - 48" | HDWG 05-87-86 HDWG 10-87-90 HDWG 04-93-09 |

| <u>MANUFACTURER</u> | <u>MODEL</u> | <u>WINDOW TYPE</u> | <u>APPROVAL #</u> |
|--|-------------------------|---|------------------------------------|
| J. KAUFMAN IRON WORKS, INC. 217 Goodwin Avenue Paterson, N.J. 07501 | *KIW 312 *KIW 21 | Double Hung 13" - 24" Double Hung & | HDWG 11-76-06 HDWG 05-78-25 |

Contact: Larry Kaufman
718-991-5400

Face mounted Casement
22" - 38"

*Both models constructed identically; each will bear both approval numbers

| | | |
|--|---|---------------|
| *KIW 375 | Double Hung 31" - 58" | HDWG 11-76-07 |
| *KIW 375W | Face Mounted Casement 31" - 58" | HDWG 05-78-26 |
| *Both models constructed identically; each will bear both approval numbers | | |
| *KIW 3-83 | Sliding (non-adjustable various sizes) 15" - 2 bars 20" - 3 bars 25" - 4 bars 30" - 5 bars 35" - 6 bars 40" - 7 bars 45" - 8 bars 50" - 9 bars | HDWG 01-79-34 |
| KIW - C- 6 | Casement 10" x 30" 20" x 51" | HDWG 02-79-36 |
| KIW P-15 | Projecting 8" x 14" | HDWG 02-79-37 |
| *KIW AG-9 | Casement, Projecting Clips or brackets; adjustable type-various sizes | HDWG 04-79-41 |

| <u>MANUFACTURER</u> | <u>MODEL</u> | <u>WINDOW TYPE</u> | <u>APPROVAL #</u> |
|---|--------------------------|--|-------------------------------|
| | *KIW3-11A | Casement, Projecting & Sliders Adjustable 22" 3 bars 27" 3 bars 22" 9 bars 27" 9 bars 39" 3 bars 39" 9 bars | HDWG 09-79-54 |
| *Both models constructed identically; each will bear both approval numbers. | | | |
| | KIW-HERC | Public Hallways & Stairwells Heavy Duty Telescopic Guards | HDWG 01-94-13 |
| | KIW-CWG | Custom Made Window Guards For Double Hung Window | HDWG 02-99-02 |
| | *KIW 2-8AL (Aluminum) | Double Hung 13" - 60" - 2 - 8 bars | HDWG 03-85-71 |
| | VG 3-6 | Double Hung 25" - 45" - 3 - 6 bars | HDWG 01-85-69 |
| | BG 3-8 | Double Hung: Use restricted to ground floor and first floor <u>only</u> . Key must be unavailable to children to ensure effectiveness as a child guard. 23" - 39"W 15" - 39"W 3 bars 20" - 39"W 4 bars 25" - 39"W 5 bars | HDWG 02-85-70 (restricted) |

30" - 39"W 6 bars
 35" - 39"W 7 bars
 40" - 39"W 8 bars

JKIW-AL Double Hung HDWG 02-87-83
 13" - 62"W x 11" 40"H 2-8 bars
 KIW-2-10 ANG Double Hung HDWG 11-92-08
 5/16" diameter
 39" WIDE

| <u>MANUFACTURER</u> | <u>MODEL</u> | <u>WINDOW TYPE</u> | <u>APPROVAL #</u> |
|---------------------|--------------|--|-------------------|
| J. KAUFMAN | *KIW-CGU | Double-hung, Casement, Sliders, Hopper and Pivots | HDWG 08-02-01 |
| | | 7" - 13" 2 bars Max. Extension 11" | |
| | | 10" - 13" 2 bars Max. Extension 18" | |
| | | 13" - 13" 2 bars Max. Extension 21" | |
| | | 21" - 13" 2 bars Max. Extension 38" | |
| | | 27" - 13" 2 bars Max. Extension 49" | |
| | | 38" - 13" 2 bars Max. Extension 60" | |
| | | 45" - 13" 2 bars Max. Extension 67" | |
| | | 50" - 13" 2 bars Max. Extension 72" | |
| | | 7" - 18" 3 bars Max. Extension 11" | |
| | | 10" - 18" 3 bars Max. Extension 18" | |
| | | 13" - 18" 3 bars Max. Extension 21" | |
| | | 21" - 18" 3 bars Max. Extension 38" | |
| | | 27" - 18" 3 bars Max. Extension 49" | |
| | | 38" - 18" 3 bars Max. Extension 60" | |
| | | 45" - 18" 3 bars Max. Extension 67" | |
| | | 50" - 18" 3 bars Max. Extension 72" | |
| | | 7" - 23" 4 bars Max. Extension 11" | |
| | | 10" - 23" 4 bars Max. Extension 18" | |
| | | 13" - 23" 4 bars Max. Extension 21" | |
| | | 21" - 23" 4 bars Max. Extension 38" | |
| | | 27" - 23" 4 bars Max. Extension 49" | |
| | | 38" - 23" 4 bars Max. Extension 60" | |
| | | 45" - 23" 4 bars Max. Extension 67" | |
| | | 50" - 23" 4 bars Max. Extension 72" | |
| | | 7" - 28" 5 bars Max. Extension 11" | |
| | | 10" - 28" 5 bars Max. Extension 18" | |
| | | 13" - 28" 5 bars Max. Extension 21" | |
| | | 21" - 28" 5 bars Max. Extension 38" | |
| | | 27" - 28" 5 bars Max. Extension 49" | |
| | | 38" - 28" 5 bars Max. Extension 60" | |
| | | 45" - 28" 5 bars Max. Extension 67" | |
| | | 50" - 28" 5 bars Max. Extension 72" | |
| | | 7" - 33" 6 bars Max. Extension 11" | |
| | | 10" - 33" 6 bars Max. Extension 18" | |
| | | 13" - 33" 6 bars Max. Extension 21" | |
| | | 21" - 33" 6 bars Max. Extension 38" | |
| | | 27" - 33" 6 bars Max. Extension 49" | |
| | | 38" - 33" 6 bars Max. Extension 60" | |
| | | 45" - 33" 6 bars Max. Extension 67" | |
| | | 50" - 33" 6 bars Max. Extension 72" | |
| | | 7" - 38" 7 bars Max. Extension 11" | |
| | | 10" - 38" 7 bars Max. Extension 18" | |
| | | 13" - 38" 7 bars Max. Extension 21" | |

21" - 38" 7 bars Max. Extension 38"
 27" - 38" 7 bars Max. Extension 49"
 38" - 38" 7 bars Max. Extension 60"
 45" - 38" 7 bars Max. Extension 67"
 50" - 38" 7 bars Max. Extension 72"

7" - 43" 8 bars Max. Extension 11"
 10" - 43" 8 bars Max. Extension 18"
 13" - 43" 8 bars Max. Extension 21"
 21" - 43" 8 bars Max. Extension 38"
 27" - 43" 8 bars Max. Extension 49"
 38" - 43" 8 bars Max. Extension 60"
 45" - 43" 8 bars Max. Extension 67"
 50" - 43" 8 bars Max. Extension 72"

7" - 48" 9 bars Max. Extension 11"
 10" - 48" 9 bars Max. Extension 18"
 13" - 48" 9 bars Max. Extension 21"
 21" - 48" 9 bars Max. Extension 38"
 27" - 48" 9 bars Max. Extension 49"
 38" - 48" 9 bars Max. Extension 60"
 45" - 48" 9 bars Max. Extension 67"
 50" - 48" 9 bars Max. Extension 72"

7" - 53" 10 bars Max. Extension 11"
 10" - 53" 10 bars Max. Extension 18"
 13" - 53" 10 bars Max. Extension 21"
 21" - 53" 10 bars Max. Extension 38"
 27" - 53" 10 bars Max. Extension 49"
 38" - 53" 10 bars Max. Extension 60"
 45" - 53" 10 bars Max. Extension 67"
 50" - 53" 10 bars Max. Extension 72"

| <u>MANUFACTURER</u> | <u>MODEL</u> | <u>WINDOW TYPE</u> | <u>APPROVAL #</u> |
|--|--------------|----------------------------------|-------------------|
| K. C. SCHOEPS METAL PRODUCTS, INC. 65 Air Park Drive Ronkonkoma, NY 11719 800-722-5752 | KC-101 | Double Hung 26 1/2" - 50" | HDWG 06-79-50 |
| | KC-102 | Double Hung 23" - 43" x 19" H | HDWG 10-76-02 |
| | KC-103 | Double Hung 23" - 43" x 15" H | HDWG 10-76-03 |
| | KC-104 | Sliding 50 3/8" | HDWG 01-77-09 |
| | KC-105 | Sliding 50 3/8" | HDWG 01-77-10 |
| | KC-105A | Double Hung 50 3/8" | HDWG 09-77-22 |
| | KC-103A | Double Hung 23" - 43" | HDWG 05-78-24 |
| | KC-102A | Double Hung 23" - 52" | HDWG 09-78-29 |
| | KC-106 | Casement | HDWG 03-79-40 |
| | KC-107 | Projecting 6" - 36" | HDWG 06-79-51 |
| | KC-107A | Projecting 36" - 60" | HDWG 06-79-52 |

| <u>MANUFACTURER</u> | <u>MODEL</u> | <u>WINDOW TYPE</u> | <u>APPROVAL #</u> |
|--|--------------------|---|-------------------|
| LL BUILDING PRODUCTS 295 McKoy Road | CFP Series CFP3 | Double Hung 15" - 24" - 24" - 40" 3 bars | HDWG 08-98-02 |

| | | |
|---------------------|------|------------------------------|
| Contact: Clair Luce | CFP4 | 19" - 23" - 24" - 40" 4 bars |
| 800-249-6374 | CFP5 | 23" - 27" - 24" - 40" 5 bars |
| Burgaw, NC 28425 | CFP6 | 27" - 31" - 24" - 40" 6 bars |

| | | | |
|------------------------|---------|---------------|---------------|
| LESLIE LOCKE | NTWG-15 | Double Hung | HDWG 10-76-04 |
| 4501 Circle 75 Parkway | | 23 ½" - 43 ½" | |
| Atlanta, Ga. | | | |

| | | | |
|--|---------|------------------------------|---------------|
| | | Sliding, Jalousie & Casement | |
| | | 20 ½" - 41 ¼" x 15" | |
| | NYWG-30 | Double Hung | HDWG 10-76-05 |
| | | 23 ½" - 43 ½" | |
| | | Sliding, Jalousie & Casement | |
| | | 20 ½" - 41 ½" x 30" | |

*Series NYWG no longer manufactured

Leslie Locke name changed to LL Building Products

| <u>MANUFACTURER</u> | <u>MODEL</u> | <u>WINDOW TYPE</u> | <u>APPROVAL #</u> |
|----------------------|--------------|--------------------|-------------------|
| METAL TECH PRECISION | M.T. | Double Hung | HDWG 04-98-01 |
| INDS. | | 8" - 12 12 | |
| 284 Speigel Street | | 10" - 18" 18 | |
| P.O. BOX 100 | | 16" - 24" 24 | |
| Brooklyn, NY 11202 | | 22" - 38" 38 | |
| 718-381-0800 | | 30" - 58" 58 | |

| <u>MANUFACTURER</u> | <u>MODEL</u> | <u>WINDOW TYPE</u> | <u>APPROVAL #</u> |
|---------------------------|--------------|--------------------|-------------------|
| PACE Construction Company | P1 and P2 | Double Hung | HDWG 09-02-03 |
| 2055 Valentine Avenue | | | |
| Bronx, NY 10457 | | | |
| 718-220-1962 | | | |

| <u>MANUFACTURER</u> | <u>MODEL</u> | <u>WINDOW TYPE</u> | <u>APPROVAL #</u> |
|------------------------|---------------------------|--|-------------------|
| PINQUIST TOOL & DIE | Child Guard | Double Hung | HDWG 10-86-80 |
| 63 Meserole Avenue | Model A 16" - 29"W x 15"H | | |
| Brooklyn, NY 11222 | Model B 22" - 41"W x 15"H | | |
| Contact: Alex Pinquist | Model C 28" - 53"W x 15"H | | |
| | | Modified with scroll décor and color options scroll | HDWG 10-86-80 |
| | Model CW-1 | Casement | HDWG 04-87-85 |
| | | 14" - 28" x 46" | |
| | | 14" - 28" x 42" | |
| | | 14" - 28" x 39" | |
| | | 14" - 28" x 36" | |
| | HD#2 | Double Hung | HDWG 06-88-92 |
| | Heavy Duty | | |
| | Model A 16" - 29"W x 15"H | | |
| | Model B | 22" - 41"W x 15"H | |
| | Model C | 28" - 53"W x 15"H | |
| | Custom Rigid | All window types | HDWG 08-89-94 |
| | Full Coverage | Double Hung | |
| | "FG" | Casement | |
| | | Hopper | |
| | | Sliding | |
| | Telescoping | Double Hung | HDWG 08-89-95 |
| | | 8" - 11" T 8 | |
| | 2-21 | 10" - 15" T 10 | |
| | Bars | 14" - 21" T 14 | |

20" - 30" T 20
 Max. HGT - 72 28" - 42" T 28
 42" - 6" T 42

Hopper
 Model H12"H

HDWG 10-87-89

| <u>MANUFACTURER</u> | <u>MODEL</u> | <u>WINDOW TYPE</u> | <u>APPROVAL #</u> |
|--|-------------------------------------|--|-------------------|
| PIONEER MANUFACTURING 666 5th Avenue New York, NY 10017 Joseph D. Frendak | Series A-1 A-4 B-1 B-4 C-1 | Double Hung 28" - 50" x 15" x 20" x 25" x 30" 22" - 38" x 15" x 20" x 25" x 30" 16" x 26" x 15" x 20" x 25" x 3 | HDWG 04-93-10 |

| <u>MANUFACTURER</u> | <u>MODEL</u> | <u>WINDOW TYPE</u> | <u>APPROVAL #</u> |
|--|--|---|-------------------|
| PROTRONIC EXECUTIVE OFFICES 303 West Main Street Freehold, NJ 07728 Factory/Warehouse Sunset Industrial Park 40A 20 th Street Brooklyn, NY 11232 Contact: Paul Grossman 1-800-223-1189 | DMG 42L L-1 L-2 L-3 L-4 L-5 | Double Hung 9" - 15" 11" - 18" 15" - 27" 22" - 38" 30" - 57" | HDWG 07-77-21 |
| Produce/Supplier for Protronics, Inc. Access Control Inc. (Installation Serv.) Contact: Jeff Grossman 1-800-223-1189 | MDGS 35L S-1 S-2 S-3 S-4 S-5 S-6 S-7 S-8 | Sliding 10' x 60" 2 bars 15" - 60" 3 bars 20" - 60" 4 bars 25" - 60" 5 bars 30" x 60" 6 bars 35" x 60" 7 bars 40" x 60" 8 bars 45" x 60" 9 bars | HDWG 08-79-53 |
| | CMG-42L | Casement/Projection | HDWG 06-97-02 |

| <u>MANUFACTURER</u> | <u>MODEL</u> | <u>WINDOW TYPE</u> | <u>APPROVAL #</u> |
|---|--------------|---|-------------------|
| SEASON-ALL INDUSTRIES CHILD GARD INC. 1480 Wayne Ave Indiana, Pa 15701-0370 Contact: Richard L. Gibson 414-349-4600 *no longer operating* | | Double Hung 10 3/4"W x 10"H 19 1/4"W x 15"H 31 1/4"W x 20"H 42"W x 25"H 54"W x 30"H 67 2"W x 35"H | HDWG 04-82-57 |

| <u>MANUFACTURER</u> | <u>MODEL</u> | <u>WINDOW TYPE</u> | <u>APPROVAL #</u> |
|--|---|---|-------------------|
| UNIFAST BUILDINGS 45 Gilpin Avenue P.O. BOX 11065 Hauppauge, NY 11788 Contact: Arthur Goldstein 516-348-0220 *no longer operating* | D-CHILD GD. D-1 D-2 D-3 D-4 | Double Hung 22" - 42" 42" - 58" 12" - 21" 16" - 32" | HDWG 10-86-78 |

| <u>MANUFACTURER</u> | <u>MODEL</u> | <u>WINDOW TYPE</u> | <u>APPROVAL #</u> |
|---|--|--|-------------------|
| UNITED ACME HOLDING COMPANY Route 9 South | UA-3,4,5,6,7,8 UB-3,4,5,6,7,8 UC-3,4,5,6,7,8 | 10" x 18" x (15" to 40") 16" x 20" x (15" to 40") 22" x 38" x (15" to 40") | HDWG 09-90-01 |

P.O. BOX 348
Hudson, NY
*Authorized Distributor
for J.B. Slattery*
no longer operating

UD-3,4,5,6,7,8 28" x 50" x (15" to 40")

| <u>MANUFACTURER</u> | <u>MODEL</u> | <u>WINDOW TYPE</u> | <u>APPROVAL #</u> |
|--|---|---|------------------------|
| VISOR BUILDERS, INC. 12 E. Evergreen Avenue Homerdale, New Jersey 08030 Contact: Robert M. Morey 856-939-2100/01 | VISOR 447 Series A A-1 A-2 A-3 A-4 | Double Hung 28" - 50" 3 bars 28" - 50" 4 bars 28" - 50" 5 bars 28" - 50" 6 bars | HDWG 07-85-71 NYCHA |
| * no longer operating* | Series B B-1 B-2 B-3 B-4 | 22" - 50" 3 bars 22" - 38" 4 bars 22" - 28" 5 bars 22" - 38" 6 bars | |
| | Series C C-1 | 16" - 26" 3 bars | |

| <u>MANUFACTURER</u> | <u>MODEL</u> | <u>WINDOW TYPE</u> | <u>APPROVAL #</u> |
|---|--------------|--|-------------------|
| XELCO INC. 80 Hartford Avenue Mount Vernon, NY 10550 914-664-6410 Fax: 914-664-6481 | Model WG619 | Double Hung 16" x 24" Wide 26 x 42" Wide | HDWG 10-98-03 |

ALTERNATIVE DEVICES FOR SLIDING WINDOWS

| <u>MANUFACTURER</u> | <u>MODEL</u> | <u>WINDOW TYPE</u> | <u>APPROVAL #</u> |
|---|-------------------|--------------------------------------|------------------------------------|
| ALUMA TRIM 239 Richmond Street Brooklyn, NY 10460 Contact: David York Dave Malinson | SS-2 SSW33 | SLIDING WINDOW SLIDING WINDOW | HDLD 01-94-03 HDLD 10-97-01 |

718-647-5700

| | | |
|--|--|---------------|
| ALERT GLASS & SHADE INC. 94 Smith Street Perth Amboy, NJ 08861 *no longer operating* | TRACK LOCK #1 SLIDING WINDOW | HDLD 08-94-07 |
| THE CAPCO GROUP, INC. 36D Carlough Road Bohemia, NY 11716 *no longer operating* | SW-27 SLIDING WINDOW | HDLD 01-94-01 |
| KAUFMAN Iron Works, Inc. 217 Goodwin Avenue Paterson, N.J. 07501 Contact: Larry Kaufman 718-991-5400 | KIW HPRB HOOPER & PROJECTING WINDOW BAR | HDLD 01-94-02 |
| | KIW SWS SLIDING WINDOW | HDLD 01-94-05 |
| KIRBY INDUSTRIAL SUPPLY 72 Hempstead Gardens West Hempstead, NY 11511 Contact: J. Brigandi 516-489-3224 | K101WL SLIDING WINDOW | HDLD 01-94-06 |
| MANNIX 345 Crooked Hill Road Brentwood, NY 11717 631-231-0800 | MS-342 SLIDING WINDOW | HDLD 08-02-02 |
| MODULINE 930 Single Ave. Wausau, WI 54402 715-845-9666 | 12P Series 24P CASEMENT WINDOW | HDLD 11-03-02 |
| PINQUIST TOOL & DIE 63 Meserole Avenue Brooklyn, NY 11222 *no longer operating* | PTD-STS SLIDING WINDOW | HDLD 01-94-04 |

ALTERNATIVE LIMITING DEVICES FOR SLIDING, CASEMENT, TILT AND TURN, PIVOT AND HOPPER WINDOWS

| <u>MANUFACTURER</u> | <u>MODEL</u> | <u>WINDOW TYPE</u> | <u>APPROVAL #</u> |
|---|--------------|----------------------------|-------------------|
| AIR MASTER 550 Mamaroneck Avenue Suite 303 Harrison, NY 10528 Attn: Richard Casella 914-777-5400 | 8100CP | Metal Casement Window | HDLD 01-98-02 |
| | 117 | 7100 Series Slider Windows | HDLD 04-98-03 |
| | 8100 | 8100 Series Metal Casement | HDLD 12-05-01 |

in-swing window
(Approved for only
750 6th Avenue)

| <u>MANUFACTURER</u> | <u>MODEL</u> | <u>WINDOW TYPE</u> | <u>APPROVAL #</u> |
|--|--------------|---|-------------------|
| EFCO CORPORATION 1000 Country Road Monette, Missouri Contact: Doug Shelly 800-221-4231 417-235-4231 | LA05 | EFCO Casement windows | HDLD 10-97-02 |
| | LA08 | (Limiting arms) Key must be Unavailable to tenant or occupant. Management must obtain sole Possession of key at all times. | |
| | 3342 | EFCO Series 3502 XX Slider (Sliding windows) | HDLD 10-97-03 |
| | 3938/3939 | EFCO Series 3500 (Sliding windows) | HDLD 06-99-04 |
| | | EFCO Series 1325 (Tilt and Turn Windows) | |
| | HZ59 | 14"-23-9/16" | HDLD 10-03-01 |
| | HZ60 | 23-9/16"-49-1/4" | HDLD 10-03-02 |
| | HZ61 | 49-1/4"-63" | HDLD 10-03-03 |
| | | EFCO Series 890 (Casement Windows) | |
| | LB08 | 8" | HDLD 08-04-02 |
| | LA10/LA09 | 10" | HDLD 08-04-02 |
| | LA14/LA13 | 14" | HDLD 08-04-02 |
| | LA16/LA15 | 16" | HDLD 08-04-02 |
| | LA18/LA19 | 18" | HDLD 08-04-02 |
| | LA20/LA21 | 20" | HDLD 08-04-02 |
| | LA24/LA23 | 24" | HDLD 08-04-02 |

*****LIMITING DEVICES WERE DESIGNED SPECIFICALLY FOR EFCO WINDOWS.*****

| <u>MANUFACTURER</u> | <u>MODEL</u> | <u>WINDOW TYPE</u> | <u>APPROVAL #</u> |
|---|--------------|---|-------------------|
| KAUFMAN IRON WORKS, INC 217 Goodwin Avenue Paterson, N.J. 07501 Contact: Larry Kaufman 718-991-5400 | KIW CHAIN | Casement, Pivot, Tilt & Turn, Hopper | HDLD 01-98-01 |

| <u>MANUFACTURER</u> | <u>MODEL</u> | <u>WINDOW TYPE</u> | <u>APPROVAL #</u> |
|--|--------------|--------------------|-------------------|
| MANNIX 345 Crooked Hill Road Brentwood, NY 11717 631-231-0800 | MS-7000 | Casement Window | HDLD 10-03-04 |

| <u>MANUFACTURER</u> | <u>MODEL</u> | <u>WINDOW TYPE</u> | <u>APPROVAL #</u> |
|--|-------------------|--|-------------------|
| SKYLINE WINDOWS A Division of S. Krasu, Inc. 625 West 130 th Street New York, NY 10027 Contact: Steven Kraus Nelson E. Baumer 212-491-3000 Ext. 241 212-491-5630 (Fax) | DL90 | Aluminum Projecting & Casement (Design Line 90) Windows | HDLD 11-97-04 |
| | CSD-01 | Critical Open-up Casement and Hopper Windows | HDLD 11-97-05 |
| | SKY 90 | Casement Window | HDWG 08-94-14 |
| | S-90 1/4 x 72" | | |

S-90
30 1/8 x 57 5/8"

S-90
1/4 3/4

#275 Graham Arch. Product HDLD 02-99-03
Sliding Windows

Model 2700 Modified Casement Window HDLD 02-99-01
All for use at Parkchester Condo.
Complex

*****GUARDS WERE DESIGNED SPECIFICALLY FOR SKYLINE CASEMENT WINDOWS.*****

**LIMITING DEVICES WERE DESIGNED SPECIFICALLY FOR SKYLINE WINDOWS. SKYLINE HAS
COMMITTED TO COMPLETE ALL INSTALLATIONS AND REPAIRS WHERE WINDOWS ARE
INSTALLED OR SOLD.**

| <u>MANUFACTURER</u> | <u>MODEL</u> | <u>WINDOW TYPE</u> | <u>APPROVAL #</u> |
|---|--------------|--|-------------------|
| WAUSAU WINDOW & WALL SYSTEMS 1415 West Street Wausau, WI 54402-1746 Contact: Brent Schepp (715) 846-3324 | 141835 | Wausau Series 250, 2250 3250, 4250 (4bar Hinge Limiting Device Awning and Hopper) | HDLD 12-27-01 |
| | 100203 | Wausau Series 250, 2250 3250, 4250 (Limiting Arm Metal Casement Swing In or Out with key) | HDLD 12-28-01 |

Window Guard Regulations of the City of NY 6-30-91- Chapter 12

Window Guards


- §12-01 Definitions
- §12-02 Lease Notices
- §12-03 Annual Notice
- §12-04 Variation in Form of Notices Prohibited
- §12-05 Notice that Installation is Optional or that there is a Tie-in between Installation and

Home < Health Topics A-Z < Window Falls Prevention Program

Tenant Payment prohibited

- §12-06 Tenant Obligation to Provide Information and Access
- §12-07 Selective Window Guard Installation Prohibited
- §12-08 Procedures for Manufacturers Applying for Approval of Window Guards
- §12-09 Procedures for requesting Window Guard Variances
- §12-10 Specifications for Window Guards for Double Hung Windows
- §12-11 Specifications for Window Guards for other than Double Hung Windows
- §12-12 Modifications by Commissioner
- §12-13 Penalties

 Printer friendly format

 E-mail a friend

TOPIC CONTENTS

- Understanding the Basics
- What Everyone Should Know

OTHER RESOURCES

- Environmental Health Topics
- Food Safety and Community Sanitation

§12-01: Definitions.

When used in these regulations, the following words or terms shall have the following meaning:

- Child or Children - Any person ten years of age or younger.
- Department - The New York City Department of Health and Mental Hygiene.
- Installation of Window Guards - The proper installation and maintenance of window guards in the manner approved by the Department.
- Landlord - The owner, lessee, agent, or other person who manages or controls a multiple dwelling or dwelling unit.
- Tenant - the lessee or other occupant regularly residing within a dwelling unit, regardless of whether said occupant is a party to a lease agreement.

top of page

§12-02: Lease Notice.

- A. All leases offered to tenants in multiple dwellings shall contain, as a rider to the lease, a notice in the form and content of which shall be specified in Appendix A hereto.
- B. Said notice shall be printed in not less than ten (10) point type, and shall bear the title "Window Guard Required" underlined and in boldface.
- C. Said notice shall be separately signed and dated by the tenant who signed the lease indicating clearly whether a child ten years of age or under is, or will be, residing in the leased premises.

top of page

§12-03: Annual Notice.

- A. Each year the landlord shall deliver to each dwelling unit, a notice, the form and content of which shall be in English

and Spanish as specified in Appendix B, no earlier than January 1st and no later than January 16th of the year for which the notice is delivered. The foregoing notwithstanding, if such notice is delivered to the tenant by enclosure with the rent bill pursuant to S12-03 (B) (3) below, then the notice may be delivered by the landlord at such time as the rent bill for the month of January is delivered. In addition said notice shall be delivered within thirty (30) days of a change in the occupancy not involving a written lease. This provision shall be effective January 1, 1987.

- B. The landlord shall deliver said notice by any one of the following methods:
1. by first class mail addressed to the tenant at the dwelling unit;
 2. by hand delivery to the tenant at the dwelling unit;
 3. by enclosure with the rent bill.
- C. If by February 15th of the year for which the notice is sent a landlord does not have a written communication signed by the tenant, and does not otherwise have actual knowledge of the need or desire for window guards, then the landlord or his agent shall at reasonable times inspect the dwelling unit to ascertain whether a child ten years of age or younger resides in the dwelling and if so, whether approved window guards are properly installed and maintained.
- D. If by March 1st a landlord who has fully complied with subdivisions (B) and (C) of this section has been unable to ascertain the need or desire for window guards in any dwelling unit or units, then he shall write to the Department's Window Falls Prevention Program, 253 Broadway / 6th Floor / CN59A, New York, New York 10007, fully describing what efforts have been made to comply with S131.15 of the New York City Health Code and these regulations, for the purpose of requesting assistance in regard to his further compliance. Such request shall include the name and telephone number of the landlord and his representative.

top of page

§12-04: Variation in Form of Notices Prohibited.

The wording and form of notices specified in this regulation shall not be altered or varied in any manner, except as permitted after an application made to the Commissioner under S12-08.

top of page

§12-05: Notice that Installation is Optional or that there is a Tie-in between Installation and Tenant Payment Prohibited.

- A. No communication from a landlord or tenant shall indicate that the installation of window guards is optional or in any manner dependent upon payments by the tenant.
- B. Landlords shall not impose any type of pre-condition such as fees or any other psychological deterrent, preliminary to installation of window guards.

top of page

§12-06: Tenant Obligation to Provide Information and Access.

- A. No tenant in a dwelling unit shall refuse or unreasonably fail to provide accurate and truthful information regarding the residency of children therein, or refuse, prevent, or obstruct any inspection required by S12-03 (C) above.

- B. A landlord who has been denied access to a dwelling unit for the purpose of installing window guards required by S131.15 (A) of the New York City Health Code, shall write to the Department's Window Falls Prevention Program, 253 Broadway -- CN 59A, New York, New York, 10007. Said statement shall specify the landlord's efforts to gain access and the circumstances of the denial thereof.
- C. Tenants or occupants must respond to mandated inquiries by landlord as to their window guards needs or desires. It is a violation of the law to fail to do this. Tenants or occupants must also provide access and permit installation of guards and stops, where required.

top of page

§12-07: Selective Window Guard Installation Prohibited.

Window guards may not be installed selectively. They must be installed in all windows except fire escape access windows and secondary egress windows in first floor apartments, where the fire escapes are on the upper floors. Choice of unguarded window is optional in latter cases.

top of page

§12-08: Procedures for Manufacturers Applying for Approval of Window Guards.

- A. A window guard application, available from Window Falls Prevention, must be completed and submitted with:
 1. a sample or prototype of the smallest and largest of each model being submitted.
 2. a schematic drawing of the window guard indicating adherence to the specifications of the Health Department, and indicating the range and sizes for approval being sought.
 3. installation hardware and stopping devices for each model.
 4. a Professional Engineer's certification of the testing results for the largest and smallest guards, the tests having been administered simulating the installation conditions and weight stress applied as recommended by the manufacture in compliance with the specifications.
 5. a letter from the paint manufacturer attesting to the lead content of the paint.
 6. installation instructions for each type of window guard.
 7. manufacturer's identification number and/or coding symbol.
 8. manufacturer's dating code.
- B. When approved, the Health Department Approval Number, i.e., HDWG06-88-99; must be indelibly imprinted on a flat surface of one vertical stile of each window guard fabricated. This imprint must be so located as to be readily visible from the inside of a room where the guard has been installed.
- C. A packet containing the approved hardware/screws and the stopping devices for installation, must be attached or accompany each window guard sold.

top of page

§12-09: Procedures for Requesting Window Guard Variances.

- A. All requests for variances must be submitted in writing for review by the Window Guard Policy and Acceptance Board.

- B. When necessary, the presence of the submitter at a meeting of the Board may be required to amplify and respond to questions.
- C. Requests for variances will be entertained only if submitted by the owner or management of a building or by his authorized representative.
- D. Requests for variances will be entertained when the installation of an approved Health Department window guard proves to be impossible for structural reasons or infeasible.
- E. A letter of application shall be submitted to the Window Guard Policy and Acceptance Board of the N.Y.C. Department of Health and Mental Hygiene, 253 Broadway, CN-59A, New York, NY. 10007.
 - 1. Letters of application should include the following:
 - I. Name, address, and telephone number of the applicant.
 - II. Address of premise or premises for which variance is being requested, and the type and number of windows involved.
 - III. Reason for request.
 - IV. Description of condition or conditions warranting the request including a photo and/or mechanical drawing of the windows in question, depicting the particular structural idiosyncrasy or aberration making the request necessary.
 - V. The alternative device presented for consideration must meet the same criteria and standards of safety as the prescribed window guards.
 - VI. If requesting consideration of the a limiting device, the submission must include: namely: one way screws or viable approved equivalent tamper-proof mechanism.
 - VII. Application statement must commit to scheduled regular inspections and monitoring of the alternative installation by management, to ensure the ongoing integrity of the device.
- F. All variances will be granted on a time limited basis, and will be subject to review, renewal, or retraction at the expiration of the prescribed period or before should abuse of the procedural requirements be identified.

top of page

§12-10: Specifications for Window Guard Double Hung Windows.

- A. Guards shall be constructed of rigid metal, free of sharp projections, edges, or rough surfaces.
- B. Guards shall be constructed as to reject the passage of a solid five(5) inch sphere at every space and interval.
- C. Guards shall bear a one hundred and fifty pound (150 lb.) Load at centerspan when extended to maximum width. A test with the guard attached in accordance with the manufacturer's instructions for installation must be performed, and the results, including information as to temporary or permanent distortion, certified by a Professional Engineer, or independent testing laboratory.
- D.
 - 1. On guards utilizing non-telescoping bars, there shall be a permanent spot weld on at least two of the horizontal bars so as to provide a minimum of two (2) inches overlap when the guard is fully extended.
 - 2. On telescoping bars, when the guard is extended to the maximum allowable width, there shall be a minimum overlap of five (5) inches or 1/3 of the

- length of the bar, which ever is greater.
3. A permanent label shall be affixed on at least one horizontal bar, oneach facing surface. Said label shall read: **WARNING! EXTENSION OF THIS GUARD BEYOND ____ INCHES IS DANGEROUS AND ILLEGAL.** *insert the number of inches appropriate to the particular model in the space.
 4. On telescoping guards, there shall be an additional stile or other approved support(s), at the telescopic opening of the outer tubing of the bars, that shall prevent any spreading of the bars.
- E. Guards shall be a minimum of fifteen (15) inches high measured along the vertical stiles.
- F. The channel stiles shall each have at least two (2) holes for permanent window mounting. If guards are more than fifteen inches (15")in height, additional mounting holes are required to provide a maximum interval of eighteen inches (18") between mounting holes.
- G. Stops.
1. Rigid metal "L" shaped stops, to be a minimum of one half the width of the window track and each leg of which shall measure at least two inches, shall be installed securely with two (2) screws in the upper tracks of each side of the bottom window to prevent the lower window from being raised more than 4 ½ inches above the lowest section of the tophorizontal bar of the window guard.
 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 4 ½ inches above the lowest section of the top horizontal bar of the window guard. Strips shall be mounted on each of the windows and shall be secured by two (2)screws on each side of the window track.
 3. In situations where the stops described in (1) and (2) above cannot beused, such as in ballast windows, rigid metal "L" shaped stops maybe securely fastened to the frame of the window to prevent the lower window from being raised more than 4 ½ inches above the lowest section of the top horizontal bar of the window guard. A stop shall be securely mounted one each side of the exterior lower window frame and shall be secured by two (2)screws in each stop.
 4. In special situations where the stops described in (1), (2), and (3)above cannot be used, an application may be made to the Window Guard Policy and Acceptance Board for approval of an alternative stopping device.
 5. Stops are not required where approved window guards are installed that are of sufficient height to prevent an opening of more than 4 ½ inches above the lowest section of the top horizontal bar of the window guard when the lower window is raised to it's maximum open position.
- H. Screws. Screws used to mount window guards and stopping devices shall be one way sheet metal screws or tamper resistant screws. Tamper resistant screws are defined as screws requiring special tools for their installation and/or removal, which tools are not readily available in retail hardware stores. All tamper resistant screws must be counter-sunk flush with the stile or stopping device. Appropriate screws shall be:
1. minimum size #10 and long enough to penetrate one (1) inch into a wooden window frame, or
 2. of an adequate type, size, and length to be

securely fastened to a metal window frame.

Manufacturer shall supply all required screws with guards.

- I. The coating of guards shall be unleaded. The statement from the paint manufacturer attesting to this fact must accompany applications for window guard approval.
- J. Coded manufacturer's identification symbol (guard model), Health Department Approval number, and fabrication date symbols (month and year) shall be imprinted indelibly (die stamped), on one of the end stiles, so located as to be readily visible when viewed from within the room where the guard has been installed.
- K. Each guard sold by a manufacturer shall be sold with a self-contained envelope or plastic bag containing:
 1. approved installation instructions,
 2. "L" shaped or other approved stops, and
 3. specified screws for installation of guard and stops. If wood screws are supplied by the manufacturer, a warning label should be included stating that for metal installations, appropriate type, size, and length screws must be substituted. The warning shall be imprinted on the packaging container.
- L. Instructions for safe installation should be provided with each guard by manufacturer.
 1. Instructions shall specify maximum window width for which the guard is intended, and shall contain the following prominently printed warning:
WARNING: USE OF THIS GUARD BEYOND SPECIFIED MAXIMUM WIDTH IS DANGEROUS AND ILLEGAL.
 2. Instructions shall prominently warn that guards and stops must be installed only in sound (non-rotting) window tracks.
 3. Instructions shall prominently specify: **WINDOW GUARDS MAY NOT BE INSTALLED IN WINDOWS PROVIDING ACCESS TO FIRE ESCAPES.**
 4. Instructions shall specify that guards be installed so that the bottom horizontal members are mounted a maximum of 4 ½ inches above the windowsill.
 5. Instructions shall specify the use of supplied "L" shaped stops to be installed with screws provided, or alternative approved stopping devices also provided with prescribed screws, to limit the opening above the lowest section of the top horizontal bar to 4 ½ inches when the bottom sash is raised.

top of page

§12-11: Specifications for Window Guards for other than Double Hung Windows.

- A. Applications for approval of window guards for use in other than double hung windows shall specify the window type(s) for which the guard submitted is intended. Mounting materials and instructions for installation for each specific type of window must be included with the application and must be provided to the consumer with the guards.
- B. Guards shall be constructed so as to reject the passage of a solid five (5) inch sphere at every space and interval.
- C. Guards intended for encasements, sliders, and other types or combinations windows in which the height of the openings are not subject to limitation, must be of such size as to fill the entire aperture, and must reject passage of a solid five (5) inch sphere at every space and interval.
 1. When approved limiting devices are utilized in lieu

- of window guards, the size of any unguarded opening may not exceed 4 ½ inches so as to reject passage of a solid five (5) inch sphere at every space and interval.
2. On guards utilizing non-telescoping bars, there shall be a permanent spot weld on at least two (2) of the horizontal bars so as to provide a minimum of two (2) inches overlap when fully extended.
 3. On telescoping bars, when the guard is extended to the maximum allowable width, there shall be a minimum overlap of five (5) inches or 1/3 of the length of the bar, whichever is greater.
 4. A permanent label shall be affixed on at least one horizontal bar on each facing surface. Said label shall read: **WARNING! EXTENSION OF THIS GUARD BEYOND ____ INCHES IS DANGEROUS AND ILLEGAL.** *insert the number of inches appropriate to the particular model in this space.
 5. On telescoping guards, there shall be an additional stile or other approved support(s), at the telescoping opening of the outer tubing of the bars, that shall prevent the spreading of the bars.
- D. Guards shall bear a one hundred and fifty pound (150lb.) load at its centerspan when extended to its maximum width. A test with guards attached in accordance with the manufacturer's instructions for installation must be performed and results certified by a Professional Engineer or independent testing laboratory. The information shall include any finding of a permanent or temporary distortion.
- E. Each channel stile shall have at least two (2) mounting holes. If guard is more than 15 inches high, additional mounting holes are required to provide a maximum of 18 inches between mounting holes.
- F. Coating of guards shall be unleaded. Statement from the paint manufacturer attesting to this fact shall accompany the application for window guard approval.
- G. Coded manufacturer's Identification symbol (guard model), Health Department Approval number, and fabrication date symbols (month and year), shall be imprinted on one of the end stiles so located as to be readily visible when viewed from within the room where the guard has been installed.
- H. Sliding windows and vertical pivoting windows may use stopping devices in lieu of window guards as follows:
1. Sliding windows. A solid metal block, measuring at least one half the depth of the window track and one half the width, shall be securely fastened by two (2) screws in the bottom window track, and a solid metal block or an "L" shaped metal stop shall be securely fastened by two (2) screws in the upper window track, to prevent the window from opening more than 4 ½ inches.
 2. Vertical pivoting windows. Metal stopping devices shall be securely fastened to the upper and lower window frames by two (2) screws so as to prevent the window from pivoting open more than 4 ½ inches. The height of the stopping devices shall extend no less than one inch, no less than two inches beyond the window frame as needed to stop the window.
- I. For types of non-double hung windows, other than those described in subdivision (H) and in special situations where the stops described in subdivisions (H) (1) and (H) (2) cannot be used, application may be made to the Window Guard Policy and Acceptance Board for approval of an alternate stopping device.
- J. Screws used to mount window guards and stopping devices shall be one-way metal, screws or tamper resistant

screws. Tamper resistant screws are defined as screws requiring special tools for installation and/or removal, which tools are not readily available in retail hardware stores. All tamper resistant screws shall be counter-sunk flush with the stile or stopping device.

1. appropriate screws shall be a minimum size #10 and shall be long enough to penetrate one inch into a wooden frame, or
 2. shall be of adequate type, size, and length to be securely fastened to a metal window frame.
- Manufacturers shall supply all required screws.

- K. Each guard sold shall be sold with a self-contained envelope or plastic bag containing:
1. approved installation instructions,
 2. approved stopping devices, and
 3. specified screws needed for installation of the window guard and/or stopping devices. If wood screws are supplied by a manufacturer, a warning label or message imprinted on the packaging shall warn that for metal installations, appropriate type, size, and length screws must be substituted. This warning shall be imprinted on the packaging container.
- L. Instructions for safe installation of window guards shall be provided by the manufacturer for each specific type of window for which they are intended.
1. Instructions shall specify that window guards may not be installed on windows providing access to fire escapes.
 2. Instructions shall specify maximum window width and height for which guard is intended, and shall contain the following prominently printed wording:
WARNING! USE OF THIS GUARD BEYOND SPECIFIED MAXIMUM WIDTH IS DANGEROUS AND ILLEGAL!
 3. Instructions shall prominently warn that guards must be installed only in sound (non-rotting) mountings or tracks.

top of page

§12-12: Modification by Commissioner.

When the strict application of any provision of this regulation presents practical difficulties or unusual hardships, the Commissioner, in a specific instance, may modify the application of such provision consistent with the general purpose of this regulation and upon such condition as, in his opinion, are necessary to protect life and health.

top of page

§12-13: Penalties.

Penalties for violation of these regulations shall be as provided in S17-123 of the Administrative Code of the City of New York.

top of page



Copyright 2009 The City of New York

[Contact Us](#) | [FAQs](#) | [Privacy](#)

Elkins Marcia

From: Solon Brad
Sent: Thursday, August 20, 2009 3:51 PM
To: Elkins Marcia
Cc: Dominicak Bob
Subject: Seattle Wa Code

Marcia, The City of Seattle responded to my question – they don't have any restrictions on window screens, or the amount a window can open, or any special restrictions for egress windows....

Portland has not responded yet.

Did you see the crazy NYC Ordinance in your door?!