

Security

Kane
Screens



**Kanes SECURITY SCREENS HAVE BEEN INSTALLED
ON MANY BUILDINGS ON THE NATIONAL HISTORIC REGISTER**



**Yale University
New Haven, CT**

About **Kane** Screens

Kane designs and manufactures a wide variety of screens... security, detention and hurricane as well as a line of expanded metal components. Our screens define the standards of quality and meet or exceed all national building code standards. And our 75 years experience in product development for the architectural field is highlighted by a reputation for timely delivery.

Kane works closely with architects, building owners, facility managers and contractors in providing security screens best suited to blend with their building designs. We recommend that early discussions with our design engineering group can lead to creating the most cost effective solution to securing your building while maintaining its aesthetic integrity.

Our security screens have been incorporated in universities, colleges, public schools, hospitals, detention facilities, public housing and commercial buildings. Kane security screens are recognized nationwide for lasting performance while protecting against virtually every security issue.

If we can assist in designing security screens for your building, please call us at 800-952-6399... or visit our website...

www.kanescreens.com

Kane QUALITY & ENGINEERING EXCELLENCE SINCE 1890



**East Boston Library
East Boston, MA**



**Davis Elementary School
Washington, DC**



**Maryland College of Arts
Baltimore, MD**

FIRST NAME IN SECURITY SCREENS...



Project: **Princeton University**
Location: **Princeton, NJ**
Issues: **Secure student dorm rooms in a high traffic area while not detracting from the historic look of the building.**
Solution: **Kane's LEVEL 5, Steel NarrowLine Security Screen with 12-mesh, .028" diameter stainless steel wire cloth.**



FULLY OPERABLE SCREEN FOR EASY EGRESS





Kane Can Secure Your Building

Essentially, there are screens for six levels of security ranging from entry/exit protection to hurricane protection. Kane security systems meet the complete spectrum of security needs plus the rigid standards of the U.S. Department of Housing and Urban Development and all national building codes addressing security issues.

The number one concern among parents and administrators in universities, colleges and public schools is protecting their children and students in classrooms and campus dormitories. A properly designed security screen effectively addresses securing the perimeter of these buildings. Kane offers screens at all levels to protect students who could be in harms way.

Public Housing involves many of the same security issues however, deterring vandalism, forced entry and broken windows and doors compound the need for security screens. Kane screens are effective, they last, and they are affordable.

Health Care facilities are confronted with other security issues... patient and personnel safety involving violence in forensic, juvenile, and psychiatric wards plus other areas. We provide security and detention screens for virtually every critical need.

Kane's sales engineering department stands ready to assist in helping design security systems for your building that are safe, easy to install and will endure the rigors of hard use. Please call 800-952-6399... or visit our website...

www.kanescreens.com



SECURITY SCREENS COMPLIMENT THE ARCHITECTURAL DESIGN



Mario Umana Harbor School
East Boston, MA

Project: **Morristown Friends School**
Location: **Morristown, NJ**
Issues: **Eliminate broken windows due to basketballs and other indoor sports while not reducing the light transmission.**
Solution: **Kane's LEVEL 5, Steel NarrowLine with 63% open area perforated plate and Fixed Aluminum Arch Top security screens.**



ENGINEERING EXCELLENCE BY DESIGN



**Gilbert Spruance Little School House
Philadelphia, PA**



The Value of Kane Screens

Kane security screens provide important protection for hundreds of medical facilities, universities and colleges, public schools, and public housing developments... and for good reason. The advantages and superior features of Kane screens make them ideal for a wide variety of security applications.

- Kane has been a quality manufacturer for more than 100 years
- More than 50 years producing security screens
- Over 20 models to meet all Security Levels
- Meet or exceed the standards of HUD—U.S. Department of Housing and Urban Development and all national building codes
- Kane screens meet or exceed all local fire code regulations
- Engineered to meet 140 mph wind speeds, 95 psf wind pressures, while meeting demanding structural requirements
- Incorporates narrow sight lines to maintain aesthetic integrity
- Life safety emergency releases
- No exposed fasteners
- Heavy duty, concealed 13-gauge stainless steel hinges
- Heavy sub-frame with internal tension coupling
- Select screening from stainless steel wire cloth, perforated stainless steel or perforated galvanized steel with open areas from 30% to 63%.
- Accommodates window air conditioners
- Automated powder coat finish system with a variety of popular colors available

www.kanescreens.com

DIFFICULT INNER-CITY ENVIRONMENTS CAN BE ADDRESSED AESTHETICALLY



OPTIMUM VISIBILITY AND LIGHT TRANSMISSION BOTH INTERIOR AND EXTERIOR



Project: **McKinley High School**
Location: **Washington, DC**
Issues: **Recurring vandalism and attempted break-ins...
Must have Emergency Egress accessibility**
Solution: **Kanes LEVEL 6, Aluminum Van-Guard® II with perforated
plate and Fixed Aluminum Arch Top Security Screens**



Project: **Tufts University**
Location: **Medford, MA**
Issues: **Needed to secure first floor residential units and keeping the buildings aesthetic appearance intact.**
Solution: **Kane's LEVEL 6, Aluminum Van-Guard® with 12-mesh, .028" diameter stainless steel wire cloth**



SECURITY SCREENS GIVE STUDENTS AND PARENTS "PEACE OF MIND" SECURITY

Project: **Bell School (CPS)**
Location: **Chicago, IL**
Issues: **Recently installed windows needed to be protected from vandals without sacrificing visibility and light transmission in & out of the building**
Solution: **Kane's LEVEL 5, Steel NarrowLine with 18-gauge stainless steel perforated plate with a 63% open area.**



SECURITY SCREENS ARE VIRTUALLY INVISIBLE THROUGH AMAZING KANE INVISPERF™ STEEL BARRIER

Kane Security Screens are Everywhere...

With over three million screens installed worldwide, Kane has developed many of the security standards used today in the security screen industry. Our vast experience of manufacturing security screens for 50 years has taken us to three continents, North America, Africa and Asia. We have installed screens in all 50 states in the USA, as well as screens in Canada, Central America and the Caribbean.



**Kane Manufacturing Corporation
Corporate Headquarters, Kane, PA**



**Rutgers University
New Brunswick, NJ**

Colleges & Universities

Boston College, MA
Duke University, NC
George Tech University, GA
Princeton University, NJ
Southern Methodist University, TX
UCLA, CA
University of California at Berkeley, CA
University of Southern Florida, FL
Virginia Tech, VA
Yale University, CT

Other Facilities

Statue of Liberty
NASA
Royal Canadian Mounted Police
FBI
Tampa Stadium
King of Morocco Palace
Kansas City Speedway
Amusement Parks
U.S. Courthouses
Military Bases
Transit Authorities
Fire Departments
National Guard Armories
National Hotel Chains
U.S. Border Patrol

Public Housing

Atlanta Housing Authority, GA
Baltimore Housing Authority, MD
Chicago Housing Authority, IL
Denver Housing Authority, CO
Gainesville Housing, FL
Lebanon Housing, TN
New York City Housing Authority, NY
Philadelphia Housing Authority, PA
San Diego Housing, CA
St. Louis Housing Authority, MO

Public Schools

Boston Public Schools, MA
Chicago Public Schools, IL
Cleveland Public Schools, OH
Dallas ISD, TX
Honolulu Public Schools, HI
Kansas City Public Schools, MO
Los Angeles USD, CA
Memphis Public Schools, TN
New York City Public Schools, NY
Pasco County Schools (Hurricane), FL
Philadelphia Public Schools, PA
Seattle Public Schools, WA
Washington D.C. Public Schools

Health Care Facilities

Alton Mental Health, IL
Bellevue Psychiatric, NY
Cedar Sinai Hospital, CA
Cornell Medical Center, NY
Houston International Hospital, TX
Johns Hopkins Hospital, MD
Lakeside Behavioral Health, TN
Mayo Clinic, MN
New York Presbyterian Hospital, NY
Temple University Hospital, PA
Vanderbilt Psychiatric Hospital, TN



**Chicago Transit Authority
Chicago, IL**

Product Selection



Frame Sightline
1-1/2"

Protector Screen

Level 4 – Medium Vandalism

Issues: Glass breakage/vandalism, insect screen maintenance, accidental falls (child guard)

Features: Strong durable aluminum frame, fixed or operable with emergency egress



Frame Sightline
2-1/2"

NarrowLine Screen

Level 5 – Heavy Vandalism

Issues: Access control (passing of weapons or illegal drugs), burglary & break-ins, assault and glass breakage

Features: High strength main frame & sub-frame, narrow sightline, heavy duty locks, bolts & hinges, single-point emergency release



Frame Sightline
3-5/8"

Van-Guard® Screen

Level 6 – Medium Security

Issues: Tough inner-city environments, persistent forced entry, secluded windows, detention issues with juvenile homes, psychiatric wards and detox centers

Features: 12-gauge steel main frame & sub-frame, continuously welded corners, concealed detention hardware featuring 107 Bitt Key lock, bolts and anti-compression hinges, single-point emergency release



Frame Sightline
4-5/8"

Defender Screen

Level 7 – Maximum Security

Issues: Tough inner-city environments, persistent forced entry, secluded windows, detention issues with juvenile homes, psychiatric wards and detox centers

Features: 12-gauge steel main frame & sub-frame, continuously welded corners, coil spring suspension for wire cloth, concealed detention hardware featuring 107 Bitt Key lock, bolts and anti-compression hinges, single-point emergency release

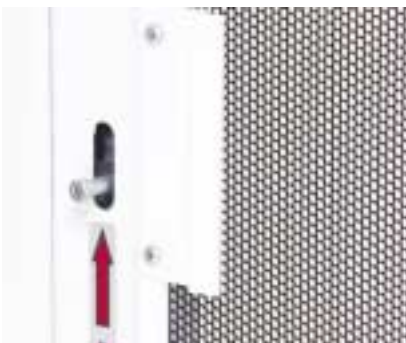
Emergency Releases & Locks



Roto-Lift



107 Bitt Key Lock



Lift-Quick™



Down-Quick™

Finishes

Kane uses an automated powder coat finish system

Polyester Powder Coating –

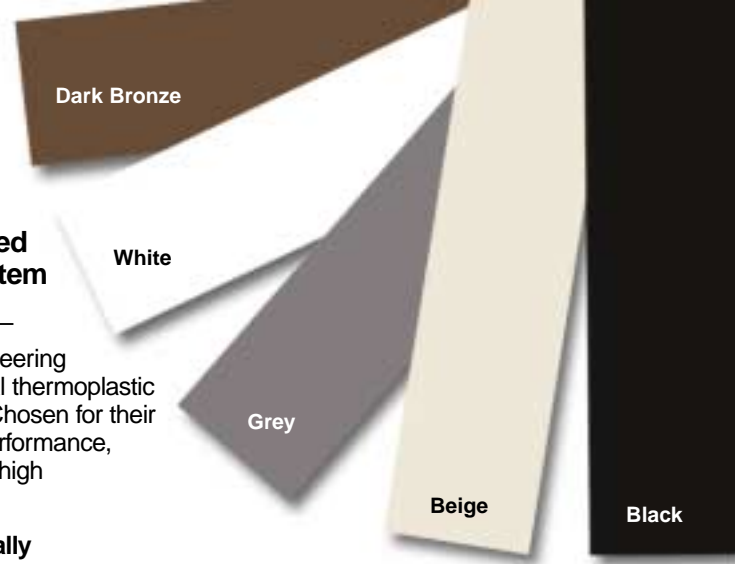
Kane's commitment to engineering excellence includes industrial thermoplastic polyester powder coatings. Chosen for their superior appearance and performance, these coatings meet Kane's high standards for quality.

Coatings are Electrostatically Applied to Prepared Surfaces –

Our products are prepared for coating in a five-step bonderizing process. The parts are chemically cleaned and rinsed to remove surface contamination, then given a pre-treatment etching and phosphating bath for added corrosion resistance. This process is followed by an additional rinse and a sealer coat. Upon completion of this procedure, the parts receive an electrostatically applied polyester powder coat to provide consistent coverage and assure surface durability.

Hard, Tough, Mar-Resistant Finish –

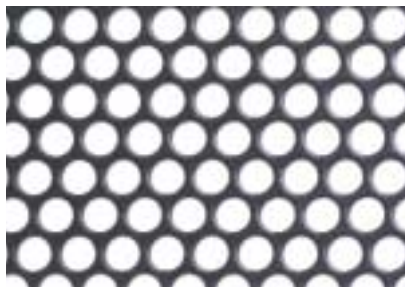
After the powder coating is applied, the parts are baked for twenty minutes at 375°F. The resulting finish provides excellent resistance to corrosion, pitting and scratching.



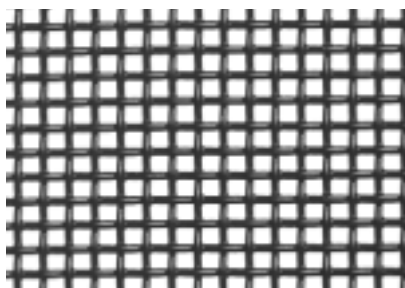
Standard Colors

Custom Color Matching Available!

Standard Infills



Perforated Panel
51% or 63% Open Area



Stainless Steel Wire Mesh
12-Mesh, .028" Diameter
10-Mesh, .047" Diameter

Technical Assistance

Kane's staff of engineering professionals are available for technical assistance to answer your specific questions. Kane engineers are experienced in all elements of security screening from the development of specifications to final installation.

- CD Rom
- Installation details & video
- CSI formatted specifications
- Budget quotes
- Assistance from our national sales network

If you would like additional information, please call:

800-952-6399

Hurri-Kane™ Storm Barriers



Denham Oaks Elementary School
Lutz, FL

- Maximum visibility and light transmission with perforated plate or woven wire cloth
- Solar shading softens interior glare, helps reduce cooling costs
- Interior life safety emergency single-point egress release plus exterior key-opened access for maintenance
- Heavy duty aluminum frame plus strong, low-maintenance scuff and corrosion resistant baked-on powder coat finish that meets and exceeds AAMA 2604 salt spray test
- No optional pins to install or remove
- No panels to store
- Hurri-Kane barriers support your FEMA objectives

**Damage Deterrent Against
Hurricanes and Vandals**

**Works Hard 24/7,
365 days a year!**

**Tested and Certified by
Miami-Dade County, Florida!**

Ideal for Schools,
Universities,
Health Care Facilities,
Municipal Buildings,
Emergency Shelters,
Condominiums and
Businesses

Visit our website: www.kanescreens.com
for Miami-Dade County, Notice of Acceptance documents.

**Kane
Screens**

Phone: 800-952-6399
Fax: 814-837-6230
Email: info@kanescreens.com



Made in the USA

Other Divisions of Kane Manufacturing Corporation
Kane Detention: call 800-460-0785 – Sterling Dula Architectural Products: call 800-773-2439