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Woodwright® Windows

Woodwright® Double - Hung Windows - 2002 to Present

Woodwright Double-Hung Windows offer wood interiors, classic sash profiles, and exceptional milling detail. They are available in a wide range of standard sizes and in custom sizes in increments of 1/8 inch between the smallest and largest standard size. Exterior finishes available in White, Canvas, Sandtone, Terratone®, Sandtone, Forest Green, Dark Bronze and Black. Interiors available in pine, oak, maple, and prefinished white. See latest [Product Options](#).

Features

Sash

Slide wash assists for easy cleaning from the inside. In-sash balancer allows the window to be secured through the side jambs during installation. Wood sash parts help provide a thermal barrier that stands up to heat and cold. Natural wood sash interior with classic chamfer detailing.

Glazing

High-Performance™ glass options include: Low-E4® glass, Low-E4® SmartSun™ glass, Low-E4® Sun glass. Tempered glass and other glass options are available. Contact your Andersen supplier. (Glass option must be specified.) Combined spring tension vinyl, rigid vinyl, and flexible bulb weatherstripping.

Hardware

Standard sash lock and keeper available in stone or white. Optional lock and keeper available in bright brass, antique brass, polished chrome, brushed chrome, oil rubbed bronze, satin nickel, and distressed bronze.

Frame

Perma-Shield exterior cladding protects frame. Sill members are constructed with a solid wood core and Fibrex® exterior. Exterior frame covered with rigid vinyl (PVC). Full perimeter vinyl anchoring flange is integrated with exterior frame for protection from elements.

Options and Accessories

- Cottage and reverse-cottage windows are available in standard size all widths. Custom sizes are available up to the maximum dimensions of 45 5/8" x 76 7/8"
- Interior and exterior grilles in a wide range of widths, patterns, and finishes.
- Extension jambs available for 5 1/4", 6 9/16" or 7 1/8" wall thicknesses.
- Factory-applied 6 9/16" extension jambs.
- Half insect screens.
- DP upgrade frames.
- Clear pine stool.

Milestones

- | | |
|-------------|--|
| 2007 | Expanded line of cottage and reverse-cottage windows added |
| 2007 | Factory-applied 6 9/16" extension jambs introduced |

2002 Woodwright Double-Hung Window unit introduced.

Woodwright® Picture & Transom Windows - 2002 to Present

Woodwright® Picture & Transom Windows offer the same wood interiors, classic sash profiles, and exceptional milling detail as Woodwright® Double-Hung Windows. They are available in a wide range of standard sizes and in custom sizes in increments of 1/8 inch between the smallest and largest standard size. Exterior finishes in White, Terratone®, Sandtone and Forest Green. Interiors available in pine, oak, maple, and prefinished white.

Features

Glazing

High-Performance™ glass options include: Low-E4® glass, Low-E4® SmartSun™ glass, Low-E4® Sun glass. Tempered glass and other glass options are available. Contact your Andersen supplier. (Glass option must be specified.)

Frame

Perma-Shield exterior cladding protects frame. Sill members are constructed with a solid wood core and Fibrex® exterior. Exterior frame covered with rigid vinyl (PVC). Full perimeter vinyl anchoring flange is integrated with exterior frame for protection from elements.

Options and Accessories

- Interior and exterior grilles in a wide range of widths, patterns, and finishes.
- Extension jambs available for 5 1/4", 6 9/16" or 7 1/8" wall thicknesses.
- Factory-applied 6 9/16" extension jambs.
- DP upgrade frames.
- Clear pine stool.

Milestones

2007 Factory-applied 6 9/16" extension jambs introduced

2002 Woodwright Picture & Transom Window unit introduced.

200 Series Windows

200 Series Gliding Windows - 2002 to Present

200 Series Gliding Windows feature contemporary gliding design with natural wood interiors that can be painted or stained. Units are available in White and Sandtone.

Features

Sash

A polyester-stabilized coat is electrostatically applied to penetrate all exterior surfaces for maximum protection. Wood sash members are treated with a water-repellent wood preservative for long-lasting protection and performance.

Sash interior surfaces are unfinished clear pine. Prefinished white interiors with white exteriors are also available. Units have a raised track system.

Glass

Choose Low-E4® glass, Low-E4® SmartSun™ or dual-pane insulating glass. Tempered glass and other glass options are available. Contact your Andersen supplier. (Glass option must be specified.)

Frame

Laminated veneer lumber frame treated with water-repellent wood preservative. Exterior frame covered with seamless vacuum formed vinyl cladding. Full perimeter vinyl anchoring flange is integrated with exterior frame for protection from elements.

Options

- Wood grilles available in natural wood interior or prefinished white.
- * Extension jambs available in 5 1/4", 6 9/16", or 7 1/8" widths.

Milestones

- | | |
|-------------|---|
| 2007 | Factory-applied 6 9/16" extension jambs introduced. |
| 2002 | 200 Series Gliding windows introduced. |

200 Series Tilt-Wash Double-Hung - 2000 to Present

The 200 Series Tilt-Wash Double-Hung Windows offers windows in the most commonly used sizes and with the most sought after options. Units are available in White and Sandtone.

Features

Sash

Tilt-wash design for easy cleaning from the inside. In-sash balancer minimizes visibility of jamb liner and maximizes amount of wood in the frame. Prefinished white interior available as option.

Glazing

Choose Low-E glass, Low-E SmartSun™ or dual-pane insulating glass. Tempered glass and other glass options are available. Contact your Andersen supplier. (Glass option must be specified.)

Hardware

Sash lock and keeper in stone or white.

Frame

Treated, water-repellent wood core. Exterior frame covered with rigid vinyl (PVC). Full perimeter vinyl anchoring flange is integrated with exterior frame for protection from elements.

Options

Prefinished White interior

Wood grilles available in natural wood interior or prefinished both sides.

Insect screens are available in full size or half size in conventional aluminum insect screen mesh.

Extension jambs available in 4 9/16", 5 1/4", 6 9/16" or 7 1/8" widths.

Milestones

- | | |
|-------------|--|
| 2007 | Factory-applied 6 9/16" extension jambs introduced |
| 2007 | Half size insect screens introduced. |
| 2000 | 200 Series Tilt-Wash Double-Hung Window unit introduced. |

200 Series Specialty Windows - 2000 to Present

200 Series Specialty Windows are available in Picture/Transom, Arch Top, and Circle Top sizes. Units are available in White and Sandtone.

Features

Glass

Choose Low-E4 glass, Low-E4 SmartSun™ or dual-pane insulating glass. Tempered glass and other glass options are available. Contact your Andersen supplier. (Glass option must be specified.)

Frame

Treated, water-repellent wood core. Exterior frame covered with rigid vinyl (PVC). Full perimeter vinyl anchoring flange is integrated with exterior frame for protection from elements.

Options

Wood grilles available in natural wood interior or prefinished both sides.

Extension jambs available in 4 9/16", 5 1/4", 6 9/16" or 7 1/8" widths.

Interior Arch Top casing with plinth blocks available in maple or oak. Circle Top casing with plinth blocks available in maple, oak, and prefinished white.

Milestones

2007 Factory-applied 6 9/16" extension jambs introduced

2000 200 Series Specialty Windows introduced.

Casement Windows

Perma-Shield® Improved/E-Z Casement - 1999 to Present

Perma-Shield® Enhanced Casement - 1995 to 1998

Perma-Shield® Casement - 1966 to 1995

In 1966 Andersen Corporation introduced the revolutionary Perma-Shield Casement window. The unit was constructed much like a Primed Casement window, then completely clad in seamless, vacuum-formed vinyl. The Perma-Shield Casement window, along with the Perma-Shield Awning window introduced at the same time, was the first use of Andersen's patented Perma-Shield process.

Features

Sash

Wood core, completely covered and sealed with rigid vinyl. The vinyl glazing beads, held in place by spring tension, are extruded so they can be removed for replacement.

Glazing

High-Performance™ glass options include: Low-E4® glass, Low-E4® SmartSun™ glass, Low-E4® Sun glass. Tempered glass and other glass options are available. Contact your Andersen supplier. (Glass option must be specified.)

Weatherstrips

Original Perma-Shield weatherstrip is glued to the sash profiles with vinyl-to-vinyl adhesive. Vinyl kerf-style weatherstrip was introduced in 1978.

Hardware

Equipped with a roto-lock operator. The sash lock has a reach-out action that pulls the sash tight to the frame, relieving stress on the operator. Hinges are detachable from a channel mounted on the frame. Original hardware is silver satin. Later vintage hardware is stone-color. Current Andersen® hardware is designed to harmonize with many different window styles, patio door hardware and cabinetry fixtures.

Frame

Treated, water-repellent wood core. Exterior frame and sill covered with rigid vinyl. Continuation of the rigid vinyl covering on frame forms perimeter flashing and anchoring fin. Inside stop is Ponderosa pine.

Options

Aluminum frame screen with aluminum wire cloth. Exterior finish, White, or Sandtone.

Removable double glazing with aluminum frame.

Interior grilles in narrow profile vinyl and wide profile polycarbonate. Exterior grilles in vinyl.

Perma-Shield® Improved/E-Z Casement - 1999 to Present

Perma-Shield® Enhanced Casement - 1995 to 1998

Perma-Shield® Casement - 1966 to 1995

Milestones

- 2009** Custom sized units (1/8" increments) introduced and marketed as replacement/remodel windows.
- 2006** Factory-applied 6 9/16" extension jambs introduced
- 2003** Stormwatch™ Protection (Coastal Product) with design pressure upgrades, glass options, and structural enhancements introduced for Improved/E-Z Casement units.
- 2001** Forest Green introduced.
- 1999** Improved hinge and lock system introduced.
- 1996** Sashless picture window introduced.
- 1995** Single actuation lock, 3 foot wide venting width introduced.
- 1991** Sandtone color introduced.
- 1989** Hardwood picture window grilles introduced.
- 1988** Argon gas added to the sealed space of High-Performance™ insulating glass.
- 1985** Flexible dual durometer bulb weatherstrip introduced.
- 1984** High-Performance™ insulating glass introduced.
Tri-pane insulated glass discontinued on new units. Remains available as a replacement glazing.
CX unit designation changed to CW.
- 1982** Blinds introduced for venting and stationary units.
Split-arm operator introduced.
- 1981** Tri-pane insulated glass introduced.
Silicone bed glazing first used to bond glass to sash.
- 1979** Casement lock design changed from four hole to three hole.
- 1974** Terratone® color introduced.
Stone-color straight-arm operator introduced.
30° and 45° Angle Bay units introduced.
- 1966** Perma-Shield Casement unit introduced.

Primed Casement - 1932 to 1989

Andersen Corporation introduced the Primed Casement window in 1932. The units were constructed with wood, and primed with white paint on the exterior. During the life of the product, the basic structure of the Primed Casement window changed little from the original units.

Features

Sash

Factory fitted and glazed. Stiles and rails are clear pine, factory primed. Muntin bars were solid aluminum, then wood. Welded glass was introduced in 1952 as an option to the original single pane glass. The 1932 vintage window is face-glazed; groove-glazing was introduced in 1960.

Weatherstrip

Original weatherstrip is spring phosphor bronze. Nail-on kerf-style weatherstrip was first introduced in aluminum (frame) and stainless (bottom rail sash). Vinyl kerf-style weatherstrip was introduced in 1978.

Hardware

Original hinges and locks are solid brass. Later vintages of hardware are cadmium-plated steel or zinc dichromate. Hardware includes extension hinges, under-screen sash operator and locking latch.

The original lock is a bar-lock operator. Four vintages of roto-lock operators followed. The latest vintage roto-gear operator is available in brass, bronze, chrome, silver satin and stone.

Frame

Made of clear pine, and later primed.

Options

Insect screens were first made of clear pine with bronze plungers and fasteners. Aluminum frame screen with aluminum wire cloth were introduced later. Aluminum screens are available in green or stone finish.

Removable double glazing was first available with a pine frame and later with an aluminum frame and spring bronze seal.

Interior vinyl grilles.

Milestones

- 1989** Primed Casement windows discontinued.
- 1981** Silicone bed glazing first used to bond glass to sash.
- 1974** Stone-color straight-arm operator introduced.
 Casement lock design changed from four hole to three hole.
- 1960** Grooved glazing introduced.
- 1952** Welded glass introduced.
- 1932** Primed Casement windows introduced.

Awning Windows

Perma-Shield® Improved/E-Z Awning - 1999 to Present

Perma-Shield® Enhanced Awning - 1995 to 1998

Perma-Shield® Awning - 1966 to 1996

Andersen Corporation introduced the Perma-Shield Awning window in 1966. The unit is completely clad in seamless, vacuum-formed vinyl. The Perma-Shield Awning window, along with the Perma-Shield Casement window introduced at the same time, was the first use of Andersen's patented Perma-Shield process.

Features

Sash

Wood core, completely covered and sealed with rigid vinyl. Standard glazing is welded insulating glass (Thermopane® or Twindow®). The vinyl glazing beads, held in place by spring tension, are extruded so they can be removed for replacement.

Glazing

High-Performance™ glass options include: Low-E4® glass, Low-E4® SmartSun™ glass, Low-E4® Sun glass. Tempered glass and other glass options are available. Contact your Andersen supplier. (Glass option must be specified.)

Weatherstrips

Original Perma-Shield vinyl weatherstrip was glued to the sash profiles with vinyl-to-vinyl adhesive. Vinyl kerf-style weatherstrip was introduced in 1978.

Hardware

Equipped with a roto-lock operator. The sash lock has a reach-out action that pulls the sash tight to the frame, relieving stress on the operator. Hinges are detachable from a channel mounted on the frame. Original hardware silver satin. Later vintage hardware stone-color. Current Andersen® hardware is designed to harmonize with many different window styles, patio door hardware and cabinetry fixtures.

Frame

Treated, water-repellent wood core. Exterior frame and sill covered with rigid vinyl. Continuation of the rigid vinyl covering on frame forms perimeter flashing and anchoring fin. Inside stop is Ponderosa pine.

Options

Aluminum frame screen with aluminum wire cloth. Exterior finish, White, Terratone® or Sandtone.

Removable double glazing with aluminum frame.

Interior grilles in narrow profile vinyl and wide profile polycarbonate. Exterior grilles in vinyl.

Perma-Shield® Improved/E-Z Awning - 1999 to Present

Perma-Shield® Enhanced Awning - 1995 to 1998

Perma-Shield® Awning - 1966 to 1996

Milestones

- 2009** Custom sized units (1/8" increments) introduced and marketed as replacement/remodel windows.
- 2006** Factory-applied 6 9/16" extension jambs introduced.
- 2003** Stormwatch™ Protection (Coastal Product) with design pressure upgrades, glass options, and structural enhancements introduced for Improved/E-Z Awning units.
- 2001** Forest green introduced.
New hinge system for AR, A, and AW sizes introduced.
- 1999** Improved lock system introduced.
- 1996** Sashless picture window introduced.
- 1995** Single arm operator and new resin lock introduced.
- 1991** Sandtone color introduced.
- 1989** Hardwood picture window grilles introduced.
- 1988** Argon gas added to the sealed space of High-Performance™ insulating glass.
- 1985** Flexible dual duometer bulb weatherstrip introduced.
- 1984** High-Performance™ insulating glass introduced.
Tri-pane insulated glass discontinued on new units. Remains available as a replacement glazing.
- 1982** Blinds introduced for venting and stationary units.
Split-arm operator introduced.
- 1981** Tri-pane insulated glass introduced.
Silicone bed glazing first used to bond glass to sash.
- 1974** Terratone® color introduced.
Stone-color straight-arm operator introduced.
- 1966** Perma-Shield Awning unit introduced.

Flex-Pac® Windows - 1971 to 1975

Andersen Corporation introduced the Flex-Pac® window in 1971. The Flex-Pac unit is a pre-finished unit that can be used in either an awning or casement position. One sash is stationary and one sash operating. The operating sash was shipped with pre-installed sliding hinges. The fully assembled units were prefinished on both the exterior and interior with one coat of white primer and one coat of White or Terratone® urethane paint.

Features

Sash

Groove-glazed single pane sash. Sliding hinges on operating sash.

Weatherstrips

Vinyl weatherstrip, applied at factory.

Hardware

Bar-lock operating hardware. Zinc-plated, golden dichromate finish hinges.

Frame

A fully assembled frame, all joints sealed with filler. Frame parts made of treated wood.

Options

Aluminum frame screens with Aluminum screen cloth, gun-metal finish.

Aluminum frame storm panels.

Grilles made of moulded rigid vinyl.

Milestones

- | | |
|-------------|--|
| 1990 | Replacement sash no longer available in single pane glass. |
| 1975 | Flex-Pac units discontinued. |
| 1971 | Flex-Pac units introduced. |

Strutwall® Windows - 1959 to 1965

Andersen Corporation introduced the Strutwall® window in 1959. The unit combined a fixed upper sash over a venting lower sash (outswinging only).

Features

Sash

Groove-glazed single pane sash. Glass bedded in elastic glazing compound. Welded insulating glass offered as option. Sash parts made of treated Ponderosa pine.

Weatherstrips

Aluminum weatherstrip, applied at factory.

Hardware

Choice of three locks—standard, bar-lock, roto-lock. Zinc-plated, golden dichromate finish hinges.

Frame

A completely assembled frame constructed to fit a 2 x 4 frame wall. Outside frame parts, cripples and jack studs made of fir. Interior frame parts made of treated Ponderosa pine.

Options

Aluminum frame screens with Aluminum screen cloth, gun-metal finish. Green finished screens introduced in 1962.

Aluminum frame storm panels.

Interior grilles were first introduced in wood, and later in vinyl.

Milestones

- | | |
|-------------|---|
| 1990 | Replacement sash no longer available in single pane glass. |
| 1965 | Strutwall units discontinued. |
| 1962 | Grilles for Strutwall units introduced.
Perma-green finished screens introduced. |
| 1961 | Baked enamel, silver satin and bronze hardware were added as options to polished chrome finish hardware.
Alternative fabrication with box headers, sheathing, extrusion jambs and complete priming introduced for Strutwall units. |
| 1960 | A cord wheel attachment, for use with above normal reach roto-lock units, introduced. |
| 1959 | Strutwall window introduced. |

Beauty-Line® Window - 1957 to 1979

Andersen Corporation introduced the Beauty-Line window in 1957. The unit combined a fixed upper sash over a venting lower sash.

Features

Sash

Lower operating sash is hung on sliding hinge adjusters. Groove-glazed single pane sash; welded insulating glass offered as option.

Weatherstrips

Aluminum weatherstrip, applied at factory. Vinyl weatherstrip introduced in 1971.

Sliding Hinge Adjuster

Factory installed. Holds sash open in any position. Golden dichromate finish on zinc plating.

Hardware

Choice of three locks—standard, bar-lock, roto-lock.

Frame

A completely assembled frame, constructed with treated wood. All joints compound sealed.

Options

Aluminum frame screens with aluminum screen cloth, gun-metal finish. Green finished screens introduced later.

Aluminum frame storm panels.

Andersen Seal-Trim®, a complete exterior trim set including casings, subsill, aluminum flashing, vinyl sealing gasket.

Interior spoke-type grilles introduced in 1962.

Milestones

- 2018** Replacement sash no longer available.
- 1990** Replacement sash no longer available in single pane glass.
- 1979** Beauty-Line units discontinued.
- 1971** Vinyl weatherstrip introduced.
- 1962** Grilles for Beauty-Line units introduced.
Perma-green finished screens introduced.
- 1961** Baked enamel, silver satin and bronze hardware were added as options to polished chrome finish hardware.
- 1960** A cord wheel attachment, for above normal reach roto-lock units, introduced.
- 1958** Obscure glass introduced as an optional glazing
- 1957** Beauty-Line Window introduced.

Flexivent® Window - 1952 to 1979

The Andersen® Corporation introduced the Flexivent® window in 1952. The unit was designed to be installed in any of three positions—as an outswinging awning sash, as an inswinging hopper sash or as an outswinging casement sash.

In 1954 picture window Flexivent units were introduced under the Flexiview® name. (Replacement parts for Flexiview units are listed in the Flexivent section of this manual.) The original Flexivent unit was available in nine sizes. By 1958 Andersen offered venting units in fifteen sizes and picture windows in three sizes.

Features

Sash

The unit has either single pane groove-glazed or welded insulated glazing.

Weatherstrip

Original weatherstrip was aluminum; vinyl weatherstrip introduced in 1971.

Sliding Hinge Adjuster

Factory installed. Holds sash open in any position. Golden dichromate finish on zinc plating.

Hardware

Unit has a manual operator. Between 1954 and 1959 four different operators were used. Hardware available in polished chrome, baked enamel, silver satin and bronze.

Frame

A completely assembled frame, with all joints sealed with compound. Treated with preservative. The frame was later available factory primed.

Options

Two types of screens were originally available—an out-swinging aluminum screen with aluminum cloth and an in-swinging wood frame screen with aluminum cloth. Wood screens were discontinued in 1955.

Removable glazing panels.

Milestones

- 2018** Replacement sash no longer available.
- 1990** Single pane glass replacement sash no longer available.
- 1979** Flexivent units discontinued.
- 1971** Vinyl weatherstrip introduced.
- 1965** Flexivent Angle Bay units introduced.
- 1961** Baked enamel, silver satin and bronze hardware were added as options to polished chrome finish hardware.
- 1960** A cord wheel attachment, for use with above normal reach roto-lock units, introduced
- 1958** Bar-lock hardware introduced.
Obscure glass introduced as an optional glazing
- 1957** Andersen Seal-Trim, complete exterior trim set, introduced.
- 1955** Wood frame screens discontinued.
- 1954** Picture window Flexivent units introduced (called Flexiview).
Removable glazing panels introduced.
- 1953** Flexivent Window unit introduced.

Gliding Windows

Gliding Window - 1991 to Present

Andersen Corporation introduced the completely re-designed Gliding Window in 1991. The new gliding window was designed for easy opening and closing.

The Gliding Window is available in White, Terratone® and Sandtone. Handles are available in seven color/finishes—stone, chrome, black, white, red, antique brass and solid brass.

Features

Sash

Wood core treated with a water-repellent preservative and completely covered with White, Terratone® or Sandtone (PVC) sheath.

Glazing

Glazing

High-Performance™ glass options include: Low-E4® glass, Low-E4® SmartSun™ glass, Low-E4® Sun glass. Tempered glass and other glass options are available. Contact your Andersen supplier. (Glass option must be specified.)

Weatherstrip

Flexible bulb and spring tension type vinyl weatherstrip is factory applied.

Hardware

Three-point locking system. Temporary handle furnished with unit. Permanent handle purchased separately.

Frame

Wood components are treated with a water-repellent preservative and covered with White, Terratone® or Sandtone Perma-Shield vinyl. Fold-out-and-lock nailing flanges.

Options

Pine extension jambs, divided light grilles, aluminum two-panel insect screen, pass-through insect screen.

Milestones

- | | |
|-------------|--|
| 2007 | Factory-applied 6 9/16" extension jambs introduced |
| 1991 | Gliding Windows introduced. |

Perma-Shield® Gliding Window - 1971 to 1992

The Perma-Shield Gliding Window was introduced in 1971, replacing the Andersen Primed Gliding Window.

Features

Sash

Sash is vinyl extruded covering a treated, water-repellent wood core. Sash corners are welded to completely seal the sash frame.

In two-sash wide units left-hand sash is operable; right-hand sash is stationary. In three-sash wide units center sash is a picture unit; flanker sash are both operable.

Glazing

Standard glazing is welded insulating glass or single pane. Original glazing sealant was butyl, later changed to silicone sealant. Exterior glazing beads snap in place.

Weatherstrip

Baffle style weatherstrip is located on the meeting stiles of the operating and stationary sash. Frame weatherstrip is spring tension, extruded with interior frame covers at the sill track and jambs.

Hardware

Two-way spring loaded locking mechanism secures sash at head and sill. Adjustable chrome-plated steel glides allow for easy operation of sash on sill track.

Frame

Wood components are treated with water-repellent preservative and encased in an exterior vacuum-formed vinyl (PVC) sheath. Perimeter flashing and anchoring fin formed as part of the vinyl coating.

Options

Aluminum screen, combination units, extension jambs.

Milestones

- | | |
|-------------|---|
| 1992 | Perma-Shield Gliding Window discontinued. |
| 1983 | Picture window units, G804 and G805, discontinued. |
| 1980 | A combination storm and screen unit introduced. |
| 1972 | Extension jambs were changed from 4 9/16" and 5 3/16" to 4 1/2" and 5 1/4". |
| 1971 | Perma-Shield Gliding Window introduced. |

Primed Gliding Window - 1940 to 1971

Andersen Corporation introduced the Primed Gliding window in 1940. The Primed Gliding window was designed for areas where an outswing unit is not feasible.

Features

Sash

Constructed with clear pine, factory primed white on the exterior.

Glazing

The original sash is single pane glass, face-glazed. After 1959 grooved-glazed welded insulated glass was available as an option.

Weatherstrip

Original weatherstrips are Andersen® silver seal, a nail on type weatherstrip. In 1950 a kerf-style aluminum weatherstrip was introduced. Later, vinyl kerf-style was introduced.

Hardware

Hardware was factory applied. Three-way lock is cadmium-plated steel with a solid bronze stationary handle. The upper plunger guides are cadmium-plated steel and the bottom guides are stainless steel. In 1951 adjustable head pins and a gulmite glide were applied to the sash.

Frame

Treated, water-repellent wood components. The original operating equipment consisted of hard maple head and sill tracks. In 1947 the head track was routed into the head jamb and a plastic sill track was introduced. As a result of the change, the frame requires no inside stops. In 1954 a plastic head facing was added. In 1968 the wood sill was replaced with a vinyl-covered, wood core sill that eliminated the need for painting.

Options

The original screen has a wood frame with mesh antique bronze wire cloth and removable pre-fitted double glazing. In 1962 the wood screen was replaced with an aluminum frame screen with a gun-metal finish and aluminum cloth mesh.

Removable double glazing.

Milestones

- 1990** Replacement sash no longer available in single pane glass.
- 1971** Primed Gliding window discontinued.
- 1968** Sill converted to vinyl-covered with a wood core.
- 1962** Aluminum framed screen with a gun-metal finish and aluminum cloth introduced.
- 1959** Welded insulated glass made available as an option.
- 1954** Plastic head facing added.
- 1951** Adjustable head pins and gulmite gliders were applied to the sash.
- 1950** Kerf-style aluminum weatherstrip added.
- 1947** New head and sill tracks that eliminated the need for inside stops introduced.
- 1940** Primed Gliding window introduced

Double-Hung Windows

(TW) Tilt-Wash Double-Hung Windows - 1996 to Present **(DC) Tilt-Wash Double-Hung Windows - 1992 to 1996**

The Tilt-Wash (DC) Double-Hung window was introduced in 1992. The unit combines tilting panels for easy cleaning with superior weather tight construction. TW units were introduced in 1996. Tilt-Wash units are produced in standard units, picture, side light and transom sizes. TW units are available in White, Terratone®, Sandtone and Forest Green.

Features

Sash

Exterior protected with urethane-based finish. Wood members treated with water-repellent preservative. Interior face left clear for painting or staining. Prefinished White interior available as option.

Balancer

Block and tackle counterbalances. Glass reinforced nylon shoe locks into position in wash mode. Stainless steel retainer clip reduces chance of accidental sash release.

Glazing

High-Performance™ glass options include: Low-E4® glass, Low-E4® SmartSun™ glass, Low-E4® Sun glass. Tempered glass and other glass options are available. Contact your Andersen supplier. (Glass option must be specified.) Rigid vinyl glazing bead.

Weatherstrip

Foam weatherstrip on bottom and top rails. Rigid vinyl rib on head jamb liner and sill fits into vinyl covered foam weatherstrip on sash. Compressible bulb weatherstrip applied to check rail. Polypropylene leaf weatherstrip with foam inserts contacts side jamb liner ribs.

Hardware

Stone-finish sash lock and keeper. Hardware also available in bright brass, antique brass or chrome.

Frame

Treated, water-repellent wood core. Exterior frame covered with rigid vinyl (PVC). Sill has Fibrex® exterior with solid wood core. Vinyl anchoring flange and windbreak fits into groove of outer frame.

Jamb Liner

Extruded rigid vinyl jamb liner, with extruded vinyl fin that seals outer portion of liner against outer frame members. Slide wash assists for easy tilting.

(TW) Tilt-Wash Double-Hung Windows - 1996 to Present

(DC) Tilt-Wash Double-Hung Windows - 1992 to 1996

Options

- Cottage and reverse-cottage windows are available in standard size of 310, 42, 46, 410 and 52 heights across all widths.
- Sash lift available in stone, white, brass, antique brass or chrome.
- Solid maple interior grilles with prefinished exterior and natural wood interior. Polycarbonate and CPVC (white only) grilles also available. Available in standard, colonial or custom patterns. Moulded rigid vinyl exterior grilles available in divided light or horizontal bar.
- Insect screens are available in full size or half size. Both are available in conventional aluminum insect screen mesh or stainless steel TruScene® insect screen cloth. Insect screens for cottage and reverse-cottage windows have a middle support bar that aligns with the double-hung window's check rail.
- Pine extension jambs available in 5 1/4", 6 9/16" or 7 1/8" widths.
- Combination unit includes prefinished aluminum frame, storm panels and insect screen.

Milestones

- | | |
|-------------|---|
| 2017 | Custom sized units (1/8" increments) introduced. |
| 2007 | Expanded line of cottage and reverse-cottage windows added. |
| 2007 | Factory-applied 6 9/16" extension jambs introduced. |
| 2007 | Half insect screens introduced. |
| 2003 | Stormwatch™ Protection (Coastal Product) with design pressure upgrades, glass options, and structural enhancements introduced for (TW) Tilt-Wash Double-Hung units. |
| 2002 | High definition grilles introduced. Low definition grilles discontinued. |
| 1996 | (TW) Tilt-Wash Double-Hung Windows introduced. |
| 1992 | (DC) Tilt-Wash windows introduced. |

Perma-Shield® Narroline® Window - 1968 to 2012

The Perma-Shield Narroline® Window was introduced in 1968. The newly-developed unit incorporated many features of the Primed Narroline® window with a Perma-Shield vinyl clad exterior. Basic, bay, picture, side light and transom windows were produced from 1968 to 1996. Perma-Shield Narroline® windows are currently produced in basic unit sizes only.

Perma-Shield Narroline® windows were produced in White, Terratone® and Sandtone. Sandtone was added in 1991. Production of Terratone® was discontinued in 1995.

Features

Sash

Treated, water-repellent wood core. Exterior covered with polyurea finish.

Glazing

Welded insulating glass (Thermopane® or Twindow®) and single pane glass offered as standard glazing. In 1984, 5/8" organic High-Performance glass was introduced.

Hardware

Stone-finish sash lock and lift.

Frame

Treated, water-repellent wood core. Exterior frame and sill covered with rigid vinyl (PVC). Vinyl anchoring flange and windbreak fits into groove of outer frame.

Weatherstrip

Foam-wrapped weatherstrip on bottom and top rails.

Options

Moulded rigid vinyl grilles available in divided light or horizontal bar.

Aluminum screen, half or full screen, with aluminum screen cloth and gun-metal finish.

Combination storm-screen unit. Storm panels of steel reinforced rigid vinyl; aluminum frame screen for lower panel only.

Auxiliary casings with rigid vinyl sheath.

Milestones

- | | |
|-------------|---|
| 2012 | Perma-Shield Narroline® Double-Hung and Transom windows discontinued. |
| 1996 | Perma-Shield Narroline® Picture, Side Light discontinued. |
| 1995 | Terratone® units discontinued. |
| 1991 | Sandtone color introduced. |
| 1990 | Low definition exterior grilles introduced. |
| 1968 | Perma-Shield Narroline® Window introduced. |

Primed Narroline® Windows - 1962 to 1970

The Primed Narroline® window was introduced in 1962. The unit shipped with a primed exterior and an unfinished interior.

Features

Sash

Sash fully assembled and flo-coat primed. Jamb liner made of rigid vinyl (PVC). Glazing is groove-glazed welded insulated glass or single pane glass. The balancer is attached to a metal bracket on the sash.

Weatherstrip

Rigid vinyl (PVC) and woven pile type weatherstrips. Primed Narroline® picture units have no weatherstrip; the frame and sash have wood-to-wood contact.

Hardware

The locking hardware is bronze and includes a face-mounted lock with keeper and a sash lift. Silver satin hardware available as option.

Frame

Exposed exterior frame parts factory flo-coat primed.

Options

Aluminum screen with aluminum screen cloth.

Snap-in grilles and muntins made of injection moulded acrylic. Available in divided light or horizontal muntin.

Self-storing combination window unit with primed pine sub-frame and aluminum center bar. Complete with two storm panels and one screen.

Milestones

1968 Primed Narroline® window discontinued.

1962 Primed Narroline® window introduced.

Self-Storing Combination Window - 1956 to 1965 **Pressure Seal® Double-Hung - 1946 to 1965**

The Pressure Seal Double-Hung unit was introduced in 1946. The unit offered simplicity, ease of installation and adaptability to all types of construction.

Starting in 1950, Pressure Seal units were available in picture unit sizes as well as basic unit sizes. Picture units were designed for either single or double glazing (1" Thermopane® Twindow®). Andersen Corporation shipped the Pressure Seal picture unit sash without glass; glass was provided by others.

A combination storm screen for the Pressure Seal unit was offered starting in 1951. The unit consists of a full-length screen with wood frame, two storm panels with wood frames, hardware and adjusters.

In 1956 Andersen introduced the Self-Storing Combination window for the Pressure Seal unit. The combination window has a treated pine subframe, an aluminum center bar and storm panels set in an aluminum frame. The top frame fastens to the subframe. The lower panel can be held in five different open positions, and it can be removed for cleaning. The screen has an aluminum frame, aluminum cloth and brushed aluminum panels. The unit has plastic guides—no metal-to-metal contact—for smooth, easy operation.

Features

Sash

Basic units have 1 1/2" thick sash with single-strength (SS13) glass bedded in putty. Picture units have 1" sash.

Pressure Strips

Treated, hard maple pressure strips attached to the sash. Steel operating lever with bronze finish.

Weatherstrips

Weatherstrips attached to the check rail and the bottom rail.

Operating Mechanism

Operating mechanism installed in the sash.

Hardware

Steel sash lock, zinc plated with a dull bronze finish.

Frame

Frame constructed with treated wood. Leak-proof construction with reversible, wide blind stops and an under sill windbreak. Combination inside stop and trim members. Units included stool and mullion casing.

Self-Storing Combination Window 1956 to 1965
Pressure Seal® Double-Hung - 1946 to 1965

Milestones

- 1962** Pressure Seal Double-Hung and Self-Storing Combination window discontinued.
- 1958** Pressure strips were changed from aluminum to plastic.
- 1956** Ejection-type sash lock introduced.
Self-Storing Combination window introduced.
- 1953** Pressure strips changed from masonite to aluminum.
- 1951** Combination storm screen introduced
- 1946** Pressure Seal Double-Hung windows introduced.

Specialty Windows

Springline™ Windows - 1994 to Present

Andersen Corporation introduced Springline™ windows in 1989. Springline Windows are available in standard and custom sizes in White, Sandtone, Terratone® and Forest Green.

Features

Glazing

High-Performance™ glass options include: Low-E4® glass, Low-E4® SmartSun™ glass, Low-E4® Sun glass. Tempered glass and other glass options are available. Contact your Andersen supplier. (Glass option must be specified.)

Installation Flanges

Flanges around perimeter of entire unit aid in installation.

Frame

Wood members are treated with a water-repellent preservative and covered with reinforced glass fiber or aluminum material on lineal sections of jamb and sill. Exterior of arched head members covered with stretch formed aluminum. Standard exterior finish in White, Terratone® or Sandtone.

Stops

Unfinished inside wood glazing stop helps secure glass in place. Arched head section stops made of maple laminations. Clear pine stop between frame and extension jamb.

Options

Laminated maple curved extension jambs. One-piece pine extension jambs available for straight sill and jamb sections.

Auxiliary extension jambs for mulling arch windows over casements or along side awning windows.

Interior arch casing and solid plinth blocks available in maple or oak.

Wood divided light interior grilles in renaissance and colonial grille patterns.

Milestones

- | | |
|-------------|---|
| 2003 | Stormwatch™ Protection (Coastal Product) with design pressure upgrades, glass options, and structural enhancements introduced for Springline units. |
| 1994 | Springline Windows introduced. |

Circle & Oval Windows - 1991 to Present

Andersen Corporation introduced Circle and Oval Windows in 1991. The windows are constructed with wood and have a Perma-Shield® exterior finish.

Features

Glazing

High-Performance™ glass options include: Low-E4® glass, Low-E4® SmartSun™ glass, Low-E4® Sun glass. Tempered glass and other glass options are available. Contact your Andersen supplier. (Glass option must be specified.)

Frame

Wood components are treated with water-repellent preservative and covered with White, Terratone® or Sandtone Perma-Shield vinyl. Transition piece included.

Flashing

Continuation of performed rigid vinyl sheath on frame forms full perimeter flashing and anchoring fin.

Options

Laminated maple curved extension jambs.

Interior arch casing and key block available in maple or oak.

Divided light interior and exterior grilles.

Arch Windows - 1989 to Present

Andersen Corporation introduced Arch windows in 1989. Arch Windows are available in 90 standard sizes in White, Terratone® and Sandtone.

Features

Glazing

High-Performance™ glass options include: Low-E4® glass, Low-E4® SmartSun™ glass, Low-E4® Sun glass. Tempered glass and other glass options are available. Contact your Andersen supplier. (Glass option must be specified.)

Frame

Wood members are treated with a water-repellent preservative and covered with reinforced glass fiber or aluminum material on lineal sections of jamb and sill. Exterior of arched head members covered with stretch formed aluminum. Standard exterior finish in White, Terratone® or Sandtone.

Stops

Unfinished inside wood glazing stop helps secure glass in place. Arched head section stops made of maple laminations. Clear pine stop between frame and extension jamb.

Installation Flanges

Flanges around perimeter of entire unit aid in installation.

Options

Laminated maple curved extension jambs. One-piece pine extension jambs available for straight sill and jamb sections.

Auxiliary extension jambs for mulling arch windows over casements or along side awning windows.

Interior arch casing and solid plinth blocks available in maple or oak.

Wood divided light interior grilles in renaissance and colonial grille patterns.

Circle Top™ & Quarter Round Windows - 1988 to Present Elliptical - 1986 to Present

Andersen Corporation introduced Circle Top windows in 1986; Elliptical Top windows in 1989; and Quarter Round windows in 1990. The windows are constructed in wood with a Perma-Shield® exterior finish. Profiles on Circle Top units for use with double-hung windows differ from Circle Top units for use with Perma-Shield Awning and Casement units.

Features

Glazing

High-Performance™ glass options include: Low-E4® glass, Low-E4® SmartSun™ glass, Low-E4® Sun glass. Tempered glass and other glass options are available. Contact your Andersen supplier. (Glass option must be specified.)

Flashing

Continuation of rigid vinyl sheath on frame forms a full perimeter flashing and anchoring fin.

Frame

Wood members are treated with a water-repellent preservative and covered with White, Terratone® or Sandtone Perma-Shield cover. Transition piece included.

Options

Laminated maple curved extension jambs. One-piece pine extension jambs available for straight sill and jamb sections.

Interior arch casing and solid plinth blocks available in maple or oak.

Divided light interior and exterior grilles. Full divided light system available for Ellipticals and Double-Hung Circle Tops.

Milestones

- | | |
|-------------|--|
| 2003 | Stormwatch™ Protection (Coastal Product) with design pressure upgrades, glass options, and structural enhancements introduced for Elliptical & Circle Top Windows and Circle & Oval windows. |
| 1988 | Circle & Oval Windows introduced. |
| 1986 | Elliptical & Circle Top Windows introduced. |

Circle Top™ & Quarter Round Windows - 1988 to Present
Elliptical - 1986 to Present

Flexiframe® Windows - 1985 to Present

Andersen Corporation introduced the Flexiframe window in 1985. Flexiframe windows are stationary units, custom assembled from lineal components. Units are either factory assembled or shipped for local assembly. Flexiframe window components allow almost unlimited flexibility in window design.

Features

Glazing

High-Performance™ glass options include: Low-E4® glass, Low-E4® SmartSun™ glass, Low-E4® Sun glass. Tempered glass and other glass options are available. Contact your Andersen supplier. (Glass option must be specified.)

Installation Flanges

Flanges that fit around the perimeter of entire unit aid in installation.

Frame

Exterior frame components available in 74" and 150" lengths. Wood members are treated with a water-repellent preservative and covered with reinforced glass fiber or aluminum material on lineal sections of jamb and sill. Standard exterior finish in White, Terratone® or Sandtone; wide range of additional colors available.

Stops

Unfinished inside wood glazing stop helps secure glass in place. Clear pine stop between frame and extension jamb.

Options

Pine extension jambs.

Auxiliary extension jambs for mulling arch windows over casements or along side awning windows.

Interior arch casing and solid plinth blocks available in maple or oak.

Hardwood divided light interior grilles.

Skylight & Roof Windows

Skylight Snap Fit (SKS) - 1999 to 2009 **Skylight Windows (SK) - 1991 to 1999**

Andersen Corporation introduced the Skylight Window in 1991. The window offers the features of a traditional domed skylight in a low-profile unit with minimal interior trim. Skylight windows are offered in Terratone® only.

Features

Sash

Single profile glass-fiber reinforced polymer material. Full perimeter drywall return channel.

Glazing

High-Performance™ or High-Performance Sun II™ in tempered or tempered laminated glazing.

Glass sealed to sash with construction grade silicone.

Weatherstrip

Flexible EPDM rubber gasket lines entire frame to provide three points of weatherstrip contact with the sash.

Frame

Solid wood frame treated with water-repellent preservative. Frame corners glued and pinned for structural integrity.

Flashing

Aluminum flashing prevents water, ice and snow build-up. Flashing required on all installations. Shingle flashing; tile flashing, incline curb flashing, and mull and transom flashing available.

Options

Pleated shades; extension poles; auxiliary water deflector

Milestones

- | | |
|-------------|--|
| 2009 | 400 Series Roof Windows & Skylights discontinued. |
| 2003 | Stormwatch™ Protection (Coastal Product) with design pressure upgrades, glass options, and structural enhancements introduced for Skylight units. |
| 1999 | Skylight Snap Fit (SKS) units introduced. Frame designed to be installed separately from sash. Once the frame is installed the sash snaps into place. Custom sizing, available in size increments from 1627 to 4472. |

Skylight Snap Fit (SKS) - 1999 to 2009
Skylight Windows (SK) - 1991 to 1999

Venting Roof, Vent/Tilt Roof & Stationary Roof Units - 1991 to 2009

Andersen Corporation introduced a re-designed Stationary Roof Window in 1991. In 1992 a re-designed Venting Roof Window and a new Vent/Tilt Roof Window were introduced. The windows are offered in eight sizes in Terratone® finish.

The Vent/Tilt Roof Window allows the sash to pivot inside for easy cleaning. Manufacturing of the unit was discontinued in 1996.

Features

Sash

Treated, water-repellent wood components. Aluminum sash covers in high-temperature baked on acrylic Terratone® finish.

Glazing

High-Performance™ or High-Performance Sun II™ in tempered or tempered laminated glazing.

Glass sealed to sash with construction grade silicone.

Hardware

Spring counter balance operator on Venting Roof Window operates in awning mode. Vent/Tilt roof window operates in either awning or pivot modes.

Weatherstrip

Flexible EPDM rubber gasket lines entire frame to provide three points of weatherstrip contact with the sash.

Frame

Solid wood frame treated with water-repellent preservative. Frame corners glued and pinned for structural integrity. Flexible EPDM rubber gasket lines the entire skylight frame to provide three points of weatherstrip contact with sash.

Screen

Sliding operating screen with aluminum frame, aluminum screen cloth, gun-metal finish. Factory installed on unit venting units.

Options

Electric window opener, pleated shades; extension poles; shingle flashing; tile flashing, incline curb flashing, auxiliary water deflector; mull and transom flashing.

*Venting Roof, Vent/Tilt Roof &
Stationary Roof Units - 1991 to 2009*

Milestones

- 2009** 400 Series Roof Windows & Skylights discontinued.
- 1996** Vent/Tilt Roof unit discontinued.
- 1992** New design Venting Roof unit introduced.
 Vent/Tilt Roof unit introduced.
- 1991** New design Stationary Roof unit introduced.

Venting Roof & Stationary Roof Units - 1983 to 1993

Andersen Windows introduced the Venting Roof Window in 1983 and the Stationary Roof Window in 1985. The roof windows were offered in Terratone® finish, only.

Features

Sash

Treated, water-repellent wood components. Aluminum sash covers in high-temperature baked on acrylic Terratone® finish.

Glazing

Double-pane tempered insulating glass is standard glazing. High altitude and other special glazings offered as option. Glazing is installed in sash with a dry glazing system. Adjustable tension springs on the sash makes it possible to install the unit in various pitch roofs.

Hardware

Release operator factory installed on venting units. Hardware allows sash to be locked in three closed positions. The hardware also allows the sash to maintain its balance in three open positions—awning, awning pivot and cleaning.

Weatherstrip

Both the sash and the frame have full perimeter weatherstrips.

Frame

Treated, water-repellent wood components.

Screen

Sliding operating screen with aluminum frame, aluminum screen cloth, gun-metal finish. Factory installed on unit venting units.

Options

Horizontal blinds; reflector shades; extension pole; remote electric operator; incline curb flashing; auxiliary water deflector; mull flashing.

Milestones

- 1990** Screw-on glazing beads introduced for Stationary Roof Windows.
- 1989** New Venting Roof Window handle introduced. Handle has a molded polymer base with a swivel metal cover. Color changed from stone to blush color.
Revised dado added to the Stationary and Venting Roof Windows. Dado has one-step design and accepts 1/2" and 5/8" material for interior trim.
- 1988** Transom flashing introduced.
- 1987** Two sizes added to Stationary Roof window—RW2172S and RW2972S.
Horizontal Stationary Roof Window flashing was introduced.
Profile change on Venting Roof window. Adjustable hinge bases added. Glass elongated to help water shedding, improve appearance. Lower profile cover. Condensation channel changed from stone to sand color. Glass for the 1987 window is not interchangeable with the 1985 window.
- 1985** Stationary Roof unit introduced.
Design of the screen was changed to incorporate a smaller upper screen and a filler bar on the head of the screen track. These changes made it easier to install an electric window operator.
Profile change on Venting Roof window. Changes included a new one-piece exterior glazing gasket, a new one-piece molded lower sash cover, a condensation channel replace the drainage hole of the original design and a 2" pocket was added to the incline curb flashing for addition installation.
- 1984** High-Performance™ glass was introduced as standard glazing.
- 1983** Venting Roof unit introduced.

Basement & Utility Windows

200 Series Basement & Utility Windows - 2004 to 2009

Andersen Corporation introduced the 200 Series Basement & Utility window in 2004. The complete unit included frame, sash, and hardware. Prior to 2006 the screen was part of the entire unit. In order to reduce the potential for damage in the construction process, the screen is no longer included in the unit. Screens continue to be available separately. Available in White and Sandtone. Available in three sizes.

Features

Sash

Constructed of Fibrex® material. Low-E insulating glass glazing. Installs as an awning or hopper style window. Narrow stiles and rails.

Weatherstrip

Weatherstrip is welded at corners.

Hardware

Stainless steel friction hinges. Hardware available in White and Sandtone.

Screen

Screen mounts to frame exterior and is secured with factory-applied wing blade fasteners. The screen cloth is made of glass fiber with a charcoal finish. The screen is reinforced with vinyl corners and matches the unit in color.

Frame

Constructed of Fibrex® material. Narrow 2-3/4" wide frame.

Options

Optional high density polyethylene pouring form for installation in concrete walls.

Milestones

- | | |
|-------------|---|
| 2009 | 200 Series Basement/Utility window discontinued. |
| 2006 | New sliding hinge introduced.
Re-usable split steel buck introduced.
Pre-assembled buck no longer includes insect screen. |
| 2004 | 200 Series Basement & Utility Window introduced. |

Basement & Utility Windows - 1934 to 2004

Andersen Corporation introduced the first Basement and Utility window in 1934. The complete unit included frame, sash, hardware and screen. The unit has changed very little from the original to the present window.

Features

Sash

Manufactured of clear pine. All wood parts treated with preservative. Exterior and interior on later vintages are prefinished with white urethane. Sash groove-glazed with single pane, non-safety glass.

Weatherstrip

Rigid vinyl spring tension type weatherstrip on later vintages.

Hardware

Hinges hold sash open in two positions. Cam lock. All hardware parts are cadmium plated.

Screen

Original screens are wood framed. Aluminum frame screens with aluminum steel cloth were introduced later. Screens are installed at the factory.

Frame

Manufactured of clear pine. All wood parts treated with preservative. Exterior and interior on later vintages are prefinished with white urethane.

Options

Original removable glazing panels had wood frame, later replaced with aluminum frame. The RGP panel is single pane, non-safety glass and applies to the outside of the sash.

Steel split bucks

Milestones

2004 Wood Basement & Utility Window discontinued. Replaced with Fibrex™ Basement & Utility Window.

Reinforced Mullion Joining Components

Reinforced Mullion Joining Components - 1990 to Present

In 1990 Andersen Corporation introduced reinforced aluminum and corrosion-resistant steel joining materials for use in joining any combination of Andersen windows.

Aluminum reinforced mullion is available in two lengths—72 3/32" and 92". The aircraft-grade aluminum is anodized for corrosion resistance. The mullion stays within the basic jamb of Andersen windows so that the interior casing can be used without extension jambs. Adjacent window units attach to the aluminum mullion/transom with screws. Aluminum end plates are used to secure the mullion/transom to the building structure.

Steel mullion/transom is available in three lengths—96 1/4", 114" and 150". The steel is treated for corrosion resistance. The steel mullion/transom attaches to adjacent window units with screws. End brackets and gusset plates are used to secure the mullion/transom to the building structure.

200 Series Doors

200 Series Narroline® Gliding Doors - 2002 to Present

200 Series Narroline® Gliding Doors were introduced in 2002. The doors have natural pine interiors and Low-E glass in contemporary classic styling. The units are available in White and Sandtone exterior.

Features

Panels

Laminated veneer lumber panels are protected on the exterior with an urethane base finish.

Glazing

High-Performance™ glass options include: Low-E tempered glass, Low-E SmartSun™ tempered glass, Low-E Sun tempered glass and dual-pane insulating tempered glass. Additional glass options are available. Contact your Andersen supplier. (Glass option must be specified.)

Weatherstrips

Flexible PVC weatherstrip on head and side jambs.

Hardware

Collections and Styles

- Newbury® (previously Estate)
- Whitmore®
- Whitmore®
- Covington™
- Yuma®
- Encino®
- Anvers®
- Albany™
- Tribeca™ (previously Metro)

Finishes

- Antique Brass
- Bright Brass
- Brushed Chrome
- Oil Rubbed Bronze
- Polished Chrome
- Satin Nickel
- Distressed Bronze
- Distressed Nickel
- Gold Dust
- Black
- White
- Stone

Accessories

Hinges, keyed lock assemblies, and other optional items are available in coordinating finishes.

Frame

Exterior frame members are covered with a rigid vinyl (PVC) sheath. Wood frame is treated with a water-repellent preservative. Interior frame trim pieces are clear unfinished pine. The sill has an anodized aluminum track with a stainless steel cap.

Options

Perma-Clean® gliding insect screens are available with a White or Sandtone color baked-on enamel finish. The insect screens have a square corner joint for added strength and fiber glass insect screening.

Perma-Clean retractable insect screens can be installed on the exterior of the door and open side-to-side. The side canister that holds the retracted insect screen is available in White or Sandtone.

Milestones

- 2004** Hardware finishes of Distressed Bronze and Distressed Nickel introduced.
- 2004** Hardware collections with seven hardware styles introduced
- 2002** 200 Series Narroline® Gliding Door introduced.

200 Series Hinged Doors - 2006 to Present

200 Series Hinged Doors (inswing) were introduced in 2006. The doors are available in two heights (6'8" and 6'11") and two panel widths (2'7" and 3'1"). The doors have low-maintenance, factory-finished white exteriors and interiors. Additional colors, sizes, and options are under development.

Features

Panels

Panels factory-finished white exteriors and interiors. Single doors are available as active or stationary. Double doors are offered in active/stationary (AS) and stationary/active (SA) configurations.

Glass

High-Performance™ glass options include: Low-E tempered glass, Low-E SmartSun™ tempered glass, Low-E Sun tempered glass and dual-pane insulating tempered glass. Additional glass options are available. Contact your Andersen supplier. (Glass option must be specified.)

Hardware

200 Series Hinged Doors are designed to accept any of the existing Andersen® hinged patio door trimsets.

Options

- Gliding insect screens for AS/SA units
- Hinged insect screens for single active units
- Removable interior wood grilles, Colonial pattern
- Andersen® Finelight™ grilles, Colonial pattern
- Andersen hinged patio door hardware
- Exterior keyed locks
- Prefinished white interior extension jambs

Milestones

2006 200 Series Hinged Door introduced.

Hinged Doors

Frenchwood® Outswing Door - 1997 to Present **Frenchwood® Hinged Door - 1988 to Present**

Andersen Corporation introduced the Frenchwood Hinged Door in 1988. The door is available as a one, two or three panel side light or a one, two or three panel door. All side lights and doors are available in 68, 611 and 80 heights. Frenchwood Outswing Doors were introduced in 1997 and are available as sidelight, one, or two panel doors.

Features

Panels

Exterior of the wood door panel is protected with urethane base finish in White, Terratone®, Sandtone, or Forest Green color. The interior panel surfaces are unfinished in clear pine, maple, or oak. Panel joints are mortise and tenon with dowel construction.

Glazing

High-Performance™ glass options include: Low-E4® tempered glass, Low-E4® SmartSun™ tempered glass, and Low-E4® Sun tempered glass. Additional glass options are available. Contact your Andersen supplier. (Glass option must be specified.)

Sill

Three piece construction of extruded aluminum exterior member, composite subsill and solid oak sill step. Aluminum exterior has heat baked finish in neutral color. Oak threshold, sill support and ramped sill insert available as options.

Weatherstrip

Compression type weatherstrip continues in one plane around panel. Corners of weatherstrip welded to eliminate gaps between the panel and frame/sill shoulder.

Hardware

Multiple-point lock system with two wedge-shaped lead-ins. Dead bolt lock. Adjustable hinges have ball bearing pivots and are made of zinc diecast with a dichromate treatment for a brass colored finish. Metro design trim sets available in stone and white. Estate design trim sets available in solid forged polished chrome, antique brass, high-performance bright brass, oil rubbed bronze, or brushed chrome. Exterior keyed lock also available.

Hardware

Collections and Styles

- Newbury® (previously Estate)
- Whitmore®
- Covington™
- Yuma®
- Encino®
- Anvers®
- Albany™

Frenchwood® Outswing Door - 1997 to Present

Frenchwood® Hinged Door - 1988 to Present

- Tribeca™ (previously Metro)

Finishes

- Antique Brass
- Bright Brass
- Brushed Chrome
- Oil Rubbed Bronze
- Polished Chrome
- Satin Nickel
- Distressed Bronze
- Distressed Nickel
- Gold Dust
- Black
- White
- Stone

Accessories

Hinges, keyed lock assemblies, and other optional items are available in coordinating finishes.

Frame

Basic exterior frame members are Perma-Shield glass-fiber reinforced material in White, Terratone®, Sandtone, or Forest Green color. Exterior frame members are attached to water-repellent preservative treated wood subframe. Subframe is grooved to accept extension jambs.

Insect Screen

Two panel doors have rolling fiber cloth screen with spring-loaded top rollers and Delrin® injection molded bottom rollers with self-contained leveling adjusters. Square corner construction for added strength. One panel door screen panel hinged. Double jamb hinged door requires double screen track kit and two universal gliding screens or double hinged screen. Frenchwood Outswing Doors have retractable screens.

Divided Light Grilles

Interior and exterior grilles as well as finelight and simulated divided light grilles available.

Extension Jambs

Pine interior extension jambs available for 5 1/4", 6 9/16", or 7 1/8" wall thicknesses.

Exterior extension jambs available for 5 1/4", 6 9/16", or 7 9/16" wall thicknesses.

Additional Options

Sill extender and exterior extension jamb system for doors installed in walls over 4 1/2".

Panel stop in stone, white, antique brass, bright brass, polished chrome, brushed chrome, satin nickel, oil rubbed bronze, distressed bronze, distressed nickel, gold dust and black.

Milestones

- 2012** Decommission of Andersen® 400 Series Frenchwood® Patio Doors with Stormwatch® Protection.
- 2009** Albany Hardware in finishes of white, stone, gold dust, and black introduced.
- 2004** Hardware finishes of Distressed Bronze and Distressed Nickel introduced.
- 2004** Hardware collections with seven hardware styles introduced
- 2003** Stormwatch™ Protection (Coastal Product) with design pressure upgrades, glass options, and structural enhancements introduced for Frenchwood Outswing and Frenchwood Hinged units.
- 2001** Forest Green introduced.
- 1999** Estate and Metro hardware introduced.
- 1997** Frenchwood Outswing Door introduced.
- 1988** Frenchwood Hinged Door introduced.

*Sidelights & Transoms for
Frenchwood® Hinged Doors - 2002 to Present*

Sidelights & Transoms

Sidelights & Transoms for Frenchwood® Hinged Doors - 2002 to Present

Frenchwood Sidelights & Transoms match the lines of Frenchwood Hinged and Frenchwood Outswing doors. The units are available with pine, oak, maple or prefinished white interiors and White, Sandtone, Terratone®, or Forest Green exteriors.

Features

Panels

Exterior of the wood door panel is protected with urethane base finish. Panel joints are mortise and tenon with dowel construction.

Glazing

High-Performance™ glass options include: Low-E4® tempered glass, Low-E4® SmartSun™ tempered glass, and Low-E4® Sun tempered glass. Additional glass options are available. Contact your Andersen supplier. (Glass option must be specified.)

Frame

Basic exterior frame members are Perma-Shield glass-fiber reinforced material in White, Terratone®, Sandtone, or Forest Green color. Exterior frame members are attached to a water-repellent preservative treated wood subframe.

Milestones

- | | |
|-------------|---|
| 2012 | Decommission of Andersen® 400 Series Frenchwood® Patio Doors with Stormwatch® Protection. |
| 2003 | Stormwatch™ Protection (Coastal Product) with design pressure upgrades, glass options, and structural enhancements introduced for Sidelight & Transoms for Frenchwood Hinged units. |
| 2002 | Sidelights & Transoms units for Frenchwood® Hinged Doors introduced. |

Gliding Doors

Frenchwood® Gliding Door - 1987 to Present

Andersen Corporation introduced the Frenchwood Gliding Door in 1987. The door is available as stationary side light, two panel, or four panel. Side lights and doors are available in 68, 611 and 8 heights.

Features

Panels

Exterior of the wood door panel is protected with urethane base finish in White, Terratone®, Sandtone, or Forest Green color. The interior panel surfaces are unfinished in clear pine, oak, or maple. Panel joints are mortise and tenon with dowel construction.

Glazing

High-Performance™ glass options include: Low-E4® tempered glass, Low-E4® SmartSun™ tempered glass, and Low-E4® Sun tempered glass. Additional glass options are available. Contact your Andersen supplier. (Glass option must be specified.)

Sill

Extruded aluminum track with stainless steel cap. Dual rollers on door panels with self-contained leveling adjusters. Aluminum exterior has heat baked finish in neutral color. Oak threshold, sill support and ramped sill insert available as options.

Weatherstrip

Full length combination weatherstrip/interlock system at meeting stile. Flexible PVC weatherstrip on the head and side jambs.

Hardware

Metro hardware in stone or white. Estate hardware in polished chrome, antique brass, bright brass, oil rubbed bronze, or brushed chrome. The operating handle is separate from the locking mechanism. Auxiliary lock and keyed exterior cylinder lock available as options.

Hardware

Collections and Styles

- Newbury® (previously Estate)
- Whitmore®
- Whitmore®
- Covington™
- Yuma®
- Encino®
- Anvers®
- Albany™

- Tribeca™ (previously Metro)

Finishes

- Antique Brass
- Bright Brass
- Brushed Chrome
- Oil Rubbed Bronze
- Polished Chrome
- Satin Nickel
- Distressed Bronze
- Distressed Nickel
- Gold Dust
- Black
- White
- Stone

Accessories

Hinges, keyed lock assemblies, and other optional items are available in coordinating finishes.

Insect Screen

Fiber cloth screen with spring-loaded rollers on top rail. Aluminum frame with White, Terratone® or Sandtone finish.

Divided Light Grilles

Interior and exterior grilles available.

Frame

Treated, water-repellent wood core. Entire surface of head jambs, side jambs covered with rigid vinyl (PVC) in White, Terratone® or Sandtone. Interior frame trim pieces are clear unfinished pine.

Milestones

- | | |
|-------------|---|
| 2012 | Decommission of Andersen® 400 Series Frenchwood® Patio Doors with Stormwatch® Protection. |
| 2009 | Albany Hardware in finishes of white, stone, gold dust, and black introduced. |
| 2007 | Factory-assembled Frenchwood Gliding doors introduced. |
| 2004 | Hardware finishes of Distressed Bronze and Distressed Nickel introduced. |
| 2004 | Hardware collections with seven hardware styles introduced |
| 2003 | Stormwatch™ Protection (Coastal Product) with design pressure upgrades, glass options, and structural enhancements introduced for Frenchwood Gliding units. |
| 2001 | Forest Green introduced. |
| 1999 | Maple and oak interior introduced. |

Perma-Shield® Gliding Door - 1982 to Present

The current Perma-Shield Gliding Door was introduced in 1982. As with the earlier versions of the Perma-Shield Gliding Door, the frame and panels are entirely clad in rigid, vacuum-formed vinyl (PVC) over a treated wood core. The unit is produced with two or three panels.

Features

Panels

Covered with Perma-Shield® rigid vinyl (PVC). High-Performance™ tempered or High-Performance Sun II™ tempered insulating glass.

Glazing

High-Performance™ glass options include: Low-E tempered glass, Low-E SmartSun™ tempered glass, and Low-E Sun tempered glass. Additional glass options are available. Contact your Andersen supplier. (Glass option must be specified.)

Sill

Two aluminum extrusions, exterior and interior, separated by a thermal break that run jamb to jamb. Outer extrusion has a sill support and a rib for the screen. Oak threshold furnished.

Weatherstrip

Full length polyethylene covered urethane foam and rigid PVC weatherstrip.

Hardware

Metro hardware in stone or white. Estate hardware in polished chrome, antique brass, bright brass, oil rubbed bronze, or brushed chrome. The operating handle is separate from the locking mechanism.

Hardware

Collections and Styles

- Newbury® (previously Estate)
- Whitmore®
- Covington™
- Yuma®
- Encino®
- Anvers®
- Albany™
- Tribeca™ (previously Metro)

Finishes

- Antique Brass
- Bright Brass
- Brushed Chrome
- Oil Rubbed Bronze
- Polished Chrome
- Satin Nickel

Perma-Shield® Gliding Door - 1982 to Present

- Distressed Bronze
- Distressed Nickel
- Gold Dust
- Black
- White
- Stone

Accessories

Hinges, keyed lock assemblies, and other optional items are available in coordinating finishes.

Insect Screen

Fiber cloth screen with spring-loaded rollers on top rail. Aluminum frame with White, Terratone® or Sandtone finish.

Frame

Treated, water-repellent wood core. Entire surface of head jambs, side jambs covered with Perma-Shield® rigid vinyl (PVC).

Milestones

- | | |
|-------------|---|
| 2009 | Albany Hardware in finishes of White, Stone, Gold Dust, and Black introduced. |
| 2004 | Hardware finishes of Distressed Bronze and Distressed Nickel introduced. |
| 2004 | Hardware collections with seven hardware styles introduced |
| 1998 | Discontinued 3-panel Perma-Shield Gliding Door. |
| 1991 | Sandtone color introduced. |
| 1982 | Perma-Shield Gliding Door introduced. |

Prefinished Terratone® Gliding Door - 1975 to 1982

Andersen Corporation introduced the Prefinished Terratone® Gliding Door in 1975. The wood Prefinished Terratone® Gliding Door shares many elements with the Primed Gliding Door. The Prefinished Terratone® Gliding Door was available at a 68 height in four widths—60, 80, 90 and 120.

Features

Panels

Terratone® polyurea finished with tempered glass.

Sill

Two aluminum extrusions, exterior and interior, separated by a thermal break that runs jamb to jamb. Outer extrusion has a sill support and a rib for the screen.

Weatherstrip

The meeting stile has vinyl leaf weatherstrip and a rigid interlock with leaf-style weatherstrip.

Hardware

Stone-color handles, inside latch, outside keyed lock, stationary panel brackets, screen locks.

Frame

Terratone® polyurea finished, exterior and interior. The Prefinished Gliding Door has no brick mould. The door is held in place with screws through the jambs. The weatherstrip lock jamb, blind stop stationary jamb, inside head stop head jamb, parting stop head jamb and the screen guide head jamb were gray vinyl.

Insect Screen

Aluminum frame with aluminum screen cloth.

Milestones

- 1982** Prefinished Gliding Door discontinued.
- 1981** Outside keyed lock made optional.
Sill support and inside oak threshold offered as options.
- 1975** Prefinished Gliding Door introduced.

Perma-Shield® Gliding Door (PSII) - 1978 to 1981

Andersen Corporation introduced the Perma-Shield Gliding Door (PSII) in 1978. The unit is a re-designed version of the Perma-Shield Gliding Door (PSI).

The unit was produced with two or three panels. Two panel doors could be specified for right- or left-hand operation. Three panel doors were available left-hand only.

Features

Panels

Perma-Shield vinyl covered panels. Tempered insulating glass.

Sill

Double rollers with self-contained leveling adjusters. Aluminum sill track with stainless steel track cap. Thermal barrier.

Weatherstrip

Full length vinyl covered urethane foam weatherstrip.

Hardware

Stone-color operating handle, lock, stationary panel brackets.

Frame

Treated, water-repellent wood core covered with Perma-Shield vinyl sheath.

Insect Screen

Aluminum frame with white finish.

Milestones

1981 Perma-Shield Gliding Door (PSII) Gliding Door discontinued.

1978 Perma-Shield Gliding Door (PSII) introduced.

Perma-Shield® Gliding Door (PSI) - 1968 to 1978

Andersen Corporation introduced the Perma-Shield Gliding Door (PSI) in 1968. The unit was the first patio door to use the patented Perma-Shield technology. The frame and panels were entirely clad in white rigid, vacuum-formed vinyl (PVC) over a treated wood core.

The unit has two or three panels. Two panel doors are right- or left-hand operation. Three panel doors are left-hand only.

Features

Frame

Treated, water-repellent wood core with rigid vinyl (PVC) sheath. Brick mould extrusion.

Panels

Glazing beads on original unit are located on the interior of the panel. Later vintage beads moved to exterior of panel with a pressure fit hollow extrusion.

Original glass was annealed, insulating glass (Thermopane® or Twindow®). Changed to tempered insulating glass in the early 1970s.

Sill

Two aluminum extrusions, exterior and interior, separated by a thermal break that ran jamb to jamb. Outer extrusion has a sill support and a rib for the screen. Oak threshold furnished.

Weatherstrip

Weatherstrip is glue-on, exterior and interior. Rigid interlock with leaf weatherstrip applied to the panel under the interlock. A baffle was added to the operating panel later.

Hardware

Silver satin finish handles, latch, keyed lock, stationary panel brackets. Bronze tone finished available as an option.

Insect Screen

Aluminum frame with white finish.

Milestones

1978 Perma-Shield Gliding Door (PSI) Gliding Door discontinued.

1968 Perma-Shield Gliding Door (PSI) introduced.

Primed Gliding Door - 1964 to 1983

Andersen Corporation introduced the Primed Gliding Door in 1964. The Primed Gliding door has one stationary panel and one operating panel. The operating panel could be ordered right-hand or left-hand operating. The operating panel glides on rollers past the stationary panel. The exterior of the unit was factory primed in white. The interior was natural wood. The basic elements of the Primed gliding door changed very little from introduction until it was discontinued in 1983.

Features

Frame

Primed wood exterior, natural wood interior. Lock jamb weatherstrip, parting stop (head jamb), blind stop (stationary side jamb), screen guide were vinyl. Vinyl parts tan color.

Primed brick mould applied to the jambs were used to anchor the unit into the opening.

Panels

Glass was annealed, later changed to tempered.

Sill

Two aluminum extrusions, exterior and interior, separated by a thermal break that ran jamb to jamb. Outer extrusion has a sill support. Included a wood sub-sill that extends beyond the interior aluminum extrusion and an oak threshold.

Weatherstrip

Original interlock weatherstrip system has rigid vinyl backing with flexible fingers. The interlock is stapled in place along a kerf that runs the full length of the stile. Later the weatherstrip was changed to a rigid leaf style and a full length rigid interlock.

Hardware

Locking mechanism located on inside portion of interior handle. Hardware was originally bronze in color. Silver satin and stone added as options.

Insect Screen

Aluminum frame with aluminum screen cloth.

Milestones

- | | |
|-------------|---|
| 1983 | Primed Gliding Door discontinued. |
| 1968 | New handle/lock system introduced with dead lock inside, night latch outside, keyed lock and handles. |
| 1964 | Primed Gliding Door introduced. |

58072 Gliding Door - 1963 to 1965

The 58072 Gliding Door, introduced in 1963, was the first Andersen Corporation patio door. The unit has a stationary panel and an operating panel. A curved track permits the operating panel to glide past the stationary panel and lock in the same plane as the stationary panel. The unit shipped with a primed exterior and an unfinished interior.

Features

Panels

One stationary panel and one operating panel, left-hand operating only. Glazing either welded insulating glass or premium grade 3/16" sheet glass. Operating panel has factory applied aluminum track. Triple action lock and handle supplied.

Weatherstrips

Combined mohair and aluminum leaf style weatherstrip was factory applied. Weatherstrip was later changed to vinyl leaf.

Frame

Treated, water-repellent frame with exterior casing and flashing.

Options

Screen has aluminum frame, with factory applied track.

Milestones

- | | |
|-------------|----------------------------------|
| 1965 | 58072 Gliding Door discontinued. |
| 1963 | 58072 Gliding Door introduced. |

Conversion Kits

Conversion Kits - 1994 to Present

In 1994 Andersen Corporation introduced three kits that can be used to convert existing windows and doors to enhanced models.

The Double-Hung conversion kit converts an Andersen Perma-Shield® Narroline® double-hung window to a Tilt-Wash window. The conversion kit can be used with 1968 or newer Perma-Shield Narroline® windows.

The Casement/Awning conversion kit converted an Andersen Perma-Shield Casement Window to the Enhanced Casement Window. The conversion kit can be used with 1966 or newer Perma-Shield Casement Windows. The Casement/Awning conversion kits were discontinued in 1997.

The Patio Door conversion kit converted a Perma-Shield Gliding Patio Door to a Frenchwood® Gliding Door. The conversion kit could be used with 1982 or newer Perma-Shield Patio Doors. The Patio Door conversion kits were discontinued in 1997.

Milestones

- 2009** Sandtone and Terratone® exterior colors added along with prefinished interior sash options. Several new glass/grille types added such as High Performance™ Low-E4® SmartSun™ and pattern glass as well as full divided light, simulated divided light and Finelight™ grilles options. Grilles are available in standard, specified equal light and custom patterns and all four standard divided light grille widths. Cottage sash double hung conversion kits also available
- 1997** Casement/Awning conversion kits discontinued.
Patio Door conversion kits discontinued.
- 1994** Conversion kits introduced.

Andersen Art Glass

Andersen® Art Glass™ - 1993 to Present

Andersen Corporation introduced the Andersen® Art Glass™ Collection in 1993. The original collection consisted of seven patterns. Four additional patterns, the Frank Lloyd Wright® Series, were added in 1995. The patterns are adaptations of windows Wright himself designed.

Andersen Art Glass panels fasten to the inside of the window unit with a specially designed fastening system. The came (the metal channel between the glass) is made of zinc alloy with a bronze-tone patina. Glass pieces are sealed into the comes with silicone adhesive. Art Glass panels have maple trim that can be painted or stained.

