Features

- Standardized solution for seamless integration with 1600 Wall System™1, 1600UT System™1, 1600 Wall System™5, 1600 Wall System™2 SSG, 1600 SS™ and 1600 SS™ SSG curtain wall systems
- Highly versatile design allows for blades to be mounted in horizontal or vertical configurations
- Innovative mounting design allows for multiple angles in both horizontal and vertical configurations
- Tested for combined wind, snow and dead loads
- Thermally broken attachment method for 1600 Wall System™1, 1600UT System™1, 1600 Wall System™2 SSG, 1600 SS™ and 1600 SS™ SSG curtain wall systems
- Inside and outside 90° and 135° corners available
- Multiple blade sizes ranging from 6" (152.4) to 14" (355.6) deep
- Screw spline construction
- Ability to have multiple rows of horizontal single blades per opening
- Qualifies for up to three different LEED certification criteria
- Design allows for thermal expansion and contraction
- Permanodic™ anodized finishes in seven choices
- Painted finishes in standard and custom choices
- Shading performance can be analyzed by Slector™ Sun Shading Estimator Tool

Product Application

- Curtain wall facades
- Enclosures to hide roof mounted machine rooms or mechanical systems
- Interior Application

For specific product applications, Consult your Kawneer representative.
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Versoleil™ SunShade - Single Blade System

PICTORIAL VIEW - CURTAIN WALL

HORIZONTAL SUNSHADE

VERTICAL SUNSHADE

Versoleil™ SunShade - Single Blade System

ADMG032EN

JANUARY, 2017

Pictorial View - Curtain Wall

Horizontal SunShade

Vertical SunShade
Architects – Most extrusions illustrated in this catalog are standard products for Kawneer. These concepts have been expanded and modified to afford you design freedom. Some miscellaneous details are non-standard and are intended to demonstrate how the system can be modified to expand design flexibility. Please contact your Kawneer representative for further assistance.

1600 WALL SYSTEM™1
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1600UT SYSTEM™1 (1” INFILL)
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1600 SS™
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1600 WALL SYSTEM™2 SSG
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Metric (SI) conversion figures are included throughout these details for reference. Numbers in parentheses (      ) are millimeters unless otherwise noted.

The following metric (SI) units are found in these details:

m – meter
cm – centimeter
mm – millimeter
s – second
Pa – pascal
MPa – megapascal
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Versoleil™ SunShade - Single Blade System
HORIZONTAL BLADE DETAILS (1600 WALL SYSTEM™1 - 1" INFILL)

SCALE 3" = 1'-0"

HORIZONTAL BLADE WITH 1600 WALL SYSTEM™1
TYPICAL ELEVATION

NOTE:
Horizontal sunshades are not recommended directly over entrances and walkways to eliminate any risk of injury due to falling ice or snow.

NOTE: SEE PAGE 21 FOR SUNSHADE BLADE OPTIONS

SECTION B-B

DETAIL 1

NOTE: COVER NOT SHOWN FOR CLARITY

MOUNTING BRACKET
MOUNTING ARM
SUNSHADE BLADE (SIZE VARIES)
MOUNTING SPACER

SECTION A-A

NOTE: SEE PAGE 21 FOR SUNSHADE BLADE OPTIONS

Scale: 3" = 1'-0"
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Versoleil™ SunShade - Single Blade System

VERTICAL BLADE DETAILS (1600 WALL SYSTEM™1 - 1" INFILL)

SCALE 3" = 1'-0"

VERTICAL BLADE WITH 1600 WALL SYSTEM™1
TYPICAL ELEVATION

END CAP DETAIL
SEE PAGE 16

SPICE DETAIL
SEE PAGE 16

14" (355.6) BLADE

SECTION A-A

14" (355.6) BLADE

SECTION B-B

NOTE: SEE PAGE 21 FOR SUNSHADE BLADE OPTIONS

DETAIL 1

END CAP DETAIL
SEE PAGE 16

SCALE 3" = 1'-0"

14" (355.6) BLADE

SECTION A-A

14" (355.6) BLADE

SECTION B-B

NOTE: SEE PAGE 21 FOR SUNSHADE BLADE OPTIONS

DETAIL 1
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Versoleil™ SunShade - Single Blade System
HORIZONTAL BLADE DETAILS (1600UT SYSTEM™1 - 1" INFILL)

SCALE 3" = 1'-0"

NOTE:
Horizontal sunshades are not recommended directly over entrances and walkways to eliminate any risk of injury due to falling ice or snow.

NOTE: SEE PAGE 21 FOR SUNSHADE BLADE OPTIONS
Laws and building and safety codes governing the design and use of glazed entrance, window, and curtain wall products vary widely. Kawneer does not control the selection of product configurations, operating hardware, or glazing materials, and assumes no responsibility therefor.

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NOTE: SEE PAGE 21 FOR SUNSHADE BLADE OPTIONS
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HORIZONTAL BLADE WITH 1600UT SYSTEM™ 1
TYPICAL ELEVATION

NOTE:
Horizontal sunshades are not recommended directly over entrances and walkways to eliminate any risk of injury due to falling ice or snow.

NOTE:
COVER NOT SHOWN FOR CLARITY

NOTE: SEE PAGE 21 FOR SUNSHADE BLADE OPTIONS

SCALE 3” = 1’-0”

DETAL 1

SECTION A-A

SECTION B-B
Laws and building and safety codes governing the design and use of glazed entrance, window, and curtain wall products vary widely. Kawneer does not control the selection of product configurations, operating hardware, or glazing materials, and assumes no responsibility therefor.

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NOTE: SEE PAGE 21 FOR SUNSHADE BLADE OPTIONS
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Versoleil™ SunShade - Single Blade System
HORIZONTAL BLADE DETAILS (1600 WALL SYSTEM™ 5 - 1" INFILL)

SCALE 3" = 1'-0"

HORIZONTAL BLADE WITH 1600 WALL SYSTEM™ 5
TYPICAL ELEVATION

NOTE:
Horizontal sunshades are not recommended directly over entrances and walkways to eliminate any risk of injury due to falling ice or snow.

DETAIL 1

NOTE: SEE PAGE 21 FOR SUNSHADE BLADE OPTIONS

SECTION A-A

SECTION B-B
Laws and building and safety codes governing the design and use of glazed entrance, window, and curtain wall products vary widely. Kawneer does not control the selection of product configurations, operating hardware, or glazing materials, and assumes no responsibility therefor.

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Versoleil™ SunShade - Single Blade System

VERTICAL BLADE DETAILS (1600 WALL SYSTEM™5 - 1" INFILL)

SCALE 3" = 1'-0"

VERTICAL BLADE WITH 1600 WALL SYSTEM™5

TYPICAL ELEVATION

NOTE: SEE PAGE 21 FOR SUNSHADE BLADE OPTIONS

SECTION B-B

SECTION A-A
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NOTE:
Horizontal sunshades are not recommended directly over entrances and walkways to eliminate any risk of injury due to falling ice or snow.

NOTE:
SUNSHADE BLADE OPTIONS

NOTE: SEE PAGE 21 FOR SUNSHADE BLADE OPTIONS
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Versoleil™ SunShade - Single Blade System

HORIZONTAL BLADE DETAILS (1600 WALL SYSTEM™2 SSG - 1” INFILL)

SCALE 3” = 1’-0”

HORIZONTAL BLADE WITH 1600 SYSTEM™2 SSG
TYPICAL ELEVATION

NOTE:
Horizontal sunshades are not recommended directly over entrances and walkways to eliminate any risk of injury due to falling ice or snow.

SECTION A-A

NOTE: SEE PAGE 21 FOR SUNSHADE BLADE OPTIONS

SECTION B-B

1600 Wall System™1 members are used at the jambs.
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HORIZONTAL BLADE DETAILS (1600 SS™ SSG - 1" INFILL)

Vesoleil™ SunShade - Single Blade System

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END CAP DETAIL
SEE PAGE 16

SPLICE DETAIL
SEE PAGE 16

SCALE 3" = 1'-0"

NOTE: See Page 21 for SunShade Blade Options

NOTE: Horizontal sunshades are not recommended directly over entrances and walkways to eliminate any risk of injury due to falling ice or snow.

1600 SS™ Wall System members are used at the jambs.
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Versoleil™ SunShade - Single Blade System
90° OUTSIDE CORNER DETAILS - CURTAIN WALL

JANUARY, 2017

1600 WALL SYSTEM™1 SHOWN, OTHER SYSTEMS SIMILAR

NOTE:

END CAPS
SUNSHADE BLADE
END CAP FASTENERS

MOUNTING ARM
MOUNTING BRACKET
MOUNTING SPACER
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NOTE:
1600 WALL SYSTEM™1 SHOWN, OTHER SYSTEMS SIMILAR
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NOTE:

1600 WALL SYSTEM™1 SHOWN, OTHER SYSTEMS SIMILAR
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BLADE OPTIONS - CURTAIN WALL

6" (152.4)

8" (203.2)

10" (254)

12" (304.8)

14" (355.6)
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Versoleil™ SunShade - Single Blade System
BLADE ANGLE CONFIGURATIONS - CURTAIN WALL
JANUARY, 2017
EC 97911-120

ANGLES FOR HORIZONTAL SINGLE BLADE APPLICATIONS
0° TO -35° ROTATION

NOTE:
MOUNTING BRACKET AND MOUNTING ARM ARE AVAILABLE IN PAINTED FINISH ONLY AND WILL BE FINISHED TO MATCH ANODIZED FINISH
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BLADE ANGLE CONFIGURATIONS - CURTAIN WALL

JANUARY, 2017

EC 97911-120

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NOTE: MOUNTING BRACKET AND MOUNTING ARM ARE AVAILABLE IN PAINTED FINISH ONLY AND WILL BE FINISHED TO MATCH ANODIZED FINISH

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LOAD IS A COMBINATION OF ALL APPLIED LOADS, SUCH AS WIND, SNOW, ICE, ETC. ACTING PERPENDICULAR TO THE BLADE. CHARTS HAVE BEEN ADJUSTED TO ACCOUNT FOR THE DEAD LOADS OF THE BLADES. THEREFORE DEAD LOADS DO NOT NEED TO BE INCLUDED IN LOAD DETERMINATION. CHARTS ARE BASED ON A MAXIMUM LOAD ON THE ANCHOR BRACKET (INCLUDING DEAD LOAD) OF 350 LBS (157 KG).

A = 6 INCH (152.4) BLADE  
B = 8 INCH (203.2) BLADE  
C = 10 INCH (254) BLADE  
D = 12 INCH (304.8) BLADE  
E = 14 INCH (355.6) BLADE