



By Duo-Gard Industries

MONOLITHIC TRANSLUCENT CANOPY SYSTEM

SPACES IN HARMONY

Our core purpose since 1984 has been to inspire and enable sustainable communities. We design, engineer, fabricate and install with hopes that each product and solution we champion fosters harmony for every generation.

Duo-Gard is a leading innovator in high-performance translucent daylighting systems and strategies, illuminated walls and ceilings, as well as custom canopies, shelters and outdoor structures. We custom design/build around your specs.



Architectural Firm: Bailey Edward, Chicago, IL

DESCRIPTION

Sleekline is a monolithic canopy system made from polycarbonate panels. The product is offered in various colors, textures and transparencies. The design provides building canopies for both exterior and interior applications.

The design is just as the name implies. This sleek canopy is the ideal complement to the building design. The system provides many design features not present in canopies made of glass or other typical material.

Samples are available upon request.

UNIQUE FEATURES

Long panel lengths that are continuous from end to end without mullions.

Free flow panel ends that do not require channels that block water flow.

Canopies can be almost flat without water pooling.

Colors, colors, colors – Need we say more?

Available in three panel thicknesses to provide greater design freedom.

Textures and transparency choices create the ambiance and lighting desired.

Canopies provided with structure where appropriate.

Lighting packages available.

ALUMINUM FINISHES

Standard anodized colors.

Painted in all available colors.

Powder coatings and Kynar.

Anodizing to emulate stainless steel.

SAFETY

Panels carry a CC1 rating.

Canopies available with engineered sealed drawings to ensure high performance levels.

Design loads meet any standard.

Hail and shatter resistant.

Panels will not shatter, thus protecting people below in extreme conditions.

PANEL OPTIONS



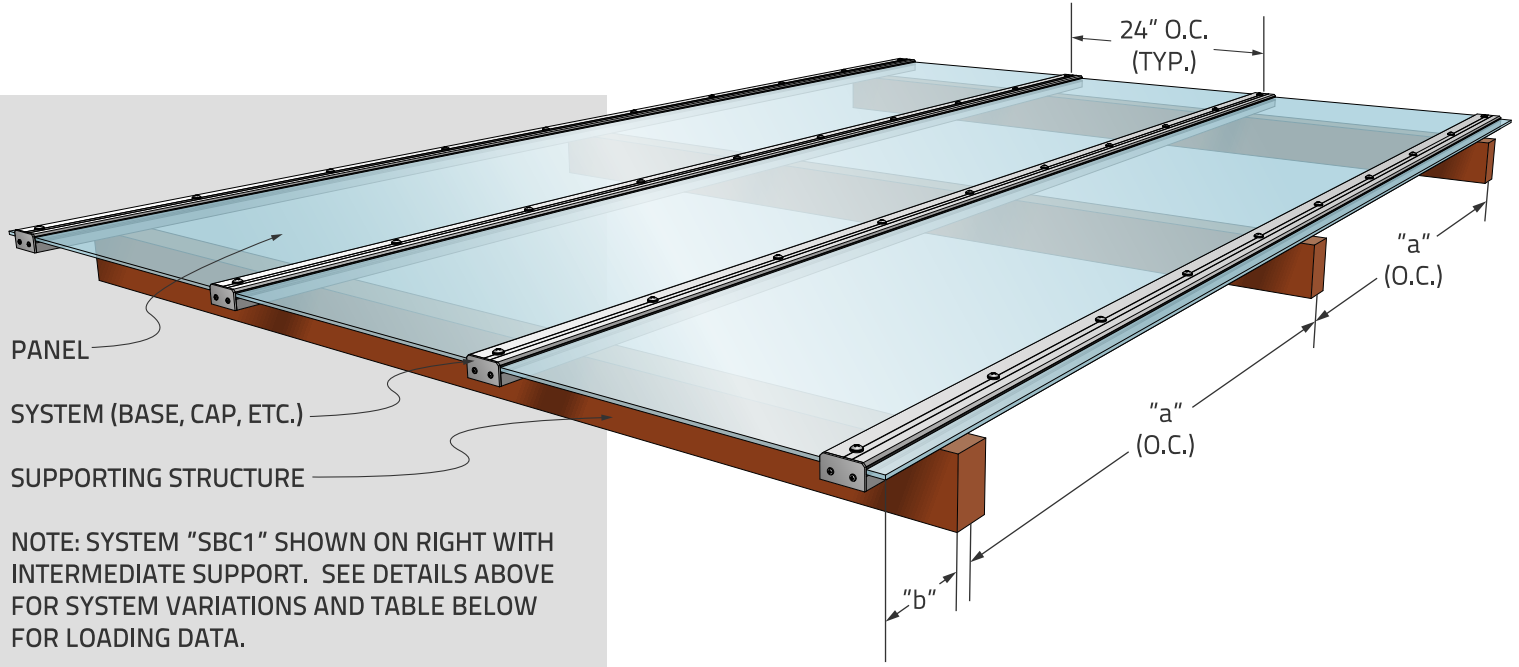
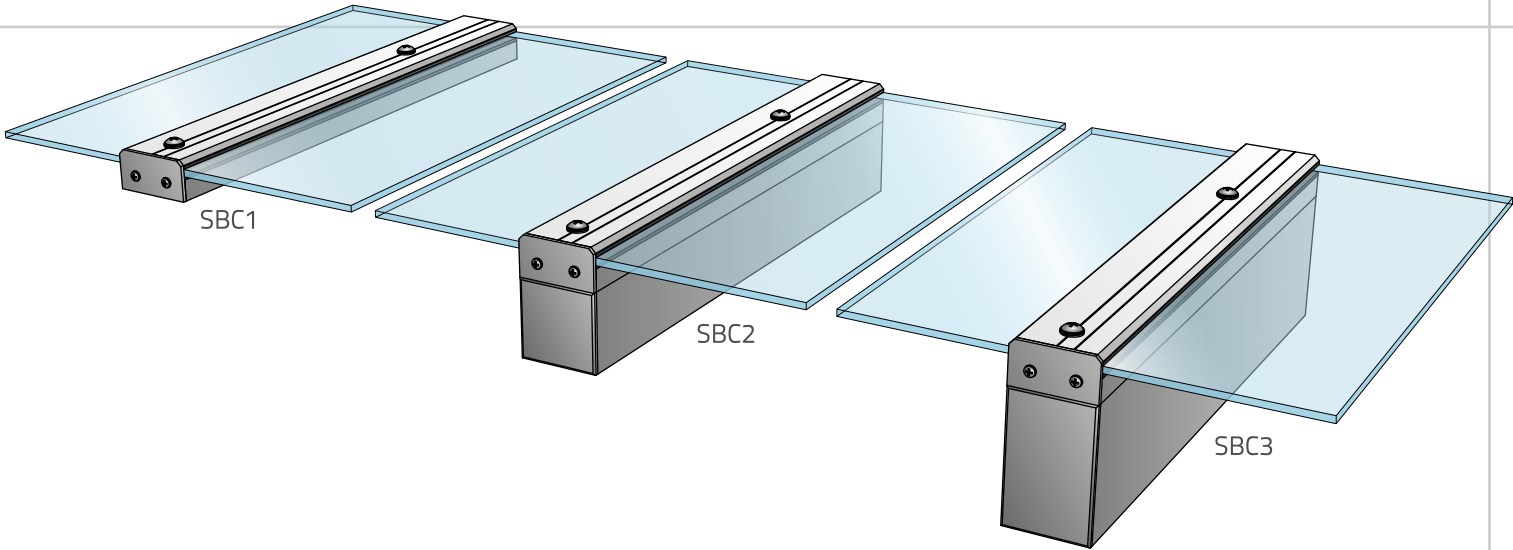
PANEL DESIGN GUIDELINES

PANEL THICKNESS	1/4"	3/8"	1/2"
STANDARD PANEL WIDTH	24"	24"	24"
MAXIMUM PANEL LENGTH	288"	168"	168"
MAXIMUM COLOR PANEL LENGTH	168"	168"	168"
MAXIMUM PANEL LOADING*	40 p.s.f.	80 p.s.f.	150 p.s.f.
SUGGESTED MINIMUM SLOPE	1 : 12	1/2 : 12	1/2 : 12

*MAXIMUM LOADS ARE BASED ON THE STRESS LIMITS OF THE PANEL



STRUCTURAL DESIGN



NOTE: SYSTEM "SBC1" SHOWN ON RIGHT WITH INTERMEDIATE SUPPORT. SEE DETAILS ABOVE FOR SYSTEM VARIATIONS AND TABLE BELOW FOR LOADING DATA.

SYSTEM	DIMENSION	20 p.s.f.	40 p.s.f.	80 p.s.f.	150 p.s.f.
SBC1	MAX. O.C. SPAN "a"	84"	72"	60"	48"
	CANTILEVER "b"	12"	12"	6"	0"
SBC2	MAX. O.C. SPAN "a"	132"	108"	84"	72"
	CANTILEVER "b"	24"	24"	12"	6"
SBC3	MAX. O.C. SPAN "a"	156"	120"	96"	84"
	CANTILEVER "b"	36"	36"	24"	12"

O.C. = ON CENTER. ALL DIMENSIONS ARE IN INCHES

