



Specifications

CONSTRUCTION	Panels are made from fiberglass and finished on the front surface and all sides with acoustically transparent membrane. The back of the panel is unfinished with an embedded metal extrusion.	TEMPERATURE	This product can be installed where the temperature is between 40°F (4°C) and 120°F (49°C). It cannot be used in exterior applications, where standing water is present, or where moisture can come in direct contact with the panel.
DESIGN CONSIDERATION	Product maintains a natural sag that may be noticeable when installed 6" or less apart. Minimal deflection may occur.	FIRE PERFORMANCE	Panels have a Class A fire rating. The panels as with other architectural features located in the ceiling plane, may obstruct or skew the existing or planned fire sprinkler water distribution pattern, or possibly delay the activation of the fire sprinkler or fire detection system. Designers and installers are advised to consult a fire protection engineer, NFPA 13, and their local codes for guidance on the proper installation techniques where fire detection or suppression systems are present.
STORAGE & HANDLING	<p>The ceiling panel components must be stored in a dry interior location and must remain in the original cartons prior to installation to avoid damage and soiling. The cartons must be stored in a flat, horizontal position. Save the carton cardboard insert for potential use during installation as a guide for hanging panels.</p> <p>The panels should not be removed from their carton until the suspension system is ready. Proper care should be taken when handling panels to avoid damage and soiling, particularly with panel edges and the surface of color panels. Proper care should be taken to locate the hardware accessory kits shipped separately from the panels.</p>	CLEANING & CARE	Use a melamine eraser sponge to wipe off any dirt or greasy fingerprints. For minor surface and edge scuffing, or scratches on colored panels, use matching Sherwin-Williams® paint that can be purchased from your local Sherwin-Williams® store.

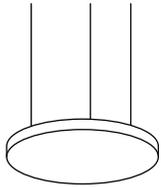


Cloudform Tiles

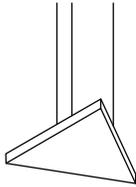
Fixture Options

CLOUDFORM COLLECTION

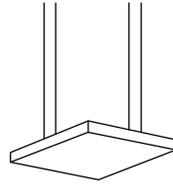
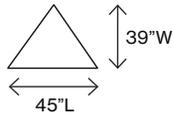
TILE DIMENSIONS 7/8" thick panels



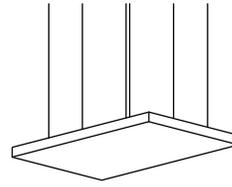
CIRCLE
46" DIAMETER



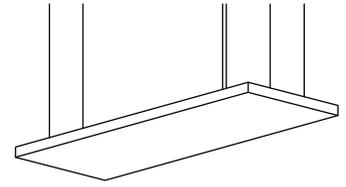
TRIANGLE
45"L x 39"W



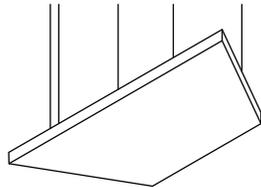
SQUARE
46"L x 46"W



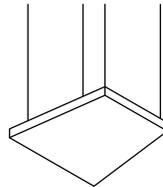
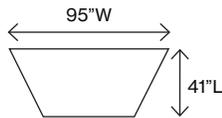
RECTANGLE SMALL
46"L x 70"W



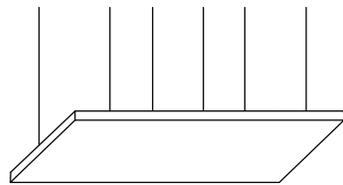
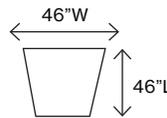
RECTANGLE LARGE
46"L x 94"W



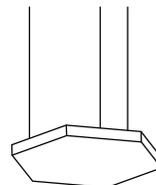
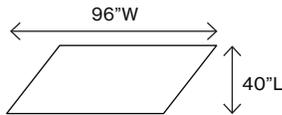
TRAPEZOID LARGE
41"L x 95"W



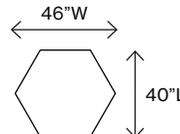
TRAPEZOID SMALL
46"L x 46"W



PARALLELOGRAM
40"L x 96"W



HEXAGON
40"L x 46"W



TILE COLOR OPTIONS

PAINT COLOR OPTIONS



WOOD PRINT OPTIONS



PAINT TOUCH UP AND COLOR MATCH

Panels should be removed from the suspension system prior to touch-up painting and be allowed to fully dry before being returned. All paints are interior flat latex paints

COLOR NAME	SHERWIN-WILLIAMS COLOR NUMBER
BLACK FOX	SW 7020
TONY TAUPE	SW 7038
DUSTBLU	SW 9161
OLYMPUS WHITE	SW 6253
ALMOND ROCA	SW 9105
BEIGE INTENSO	SW 9096
TRES NATURALE	SW 9101
TIGEREYE	SW 6362
SOFT APRICOT	SW 6352
INVENTIVE ORANGE	SW 6633
AVID APRICOT	SW 6639
CAYENNE	SW 6881

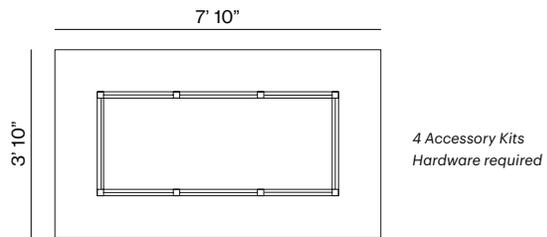
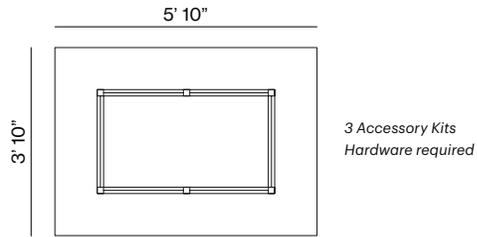
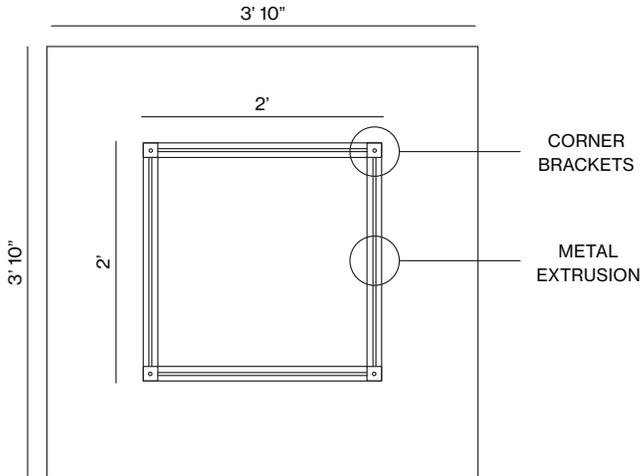
COLOR NAME	SHERWIN-WILLIAMS COLOR NUMBER
SOCKEYE	SW 6619
CHEERFUL	SW 6903
ICY LEMONADE	SW 1667
BROCCOFLOWER	SW 9039
SUPREME GREEN	SW 6442
POWDER BLUE	SW 2863
LITTLE BOY BLU	SW 9054
SHOJI WHITE	SW 7042
STUDIO CLAY	SW 9172
IVORY LACE	SW 7013
TRICORN BLACK	SW 6258

CEILING CONNECTIONS

PANEL CONNECTIONS

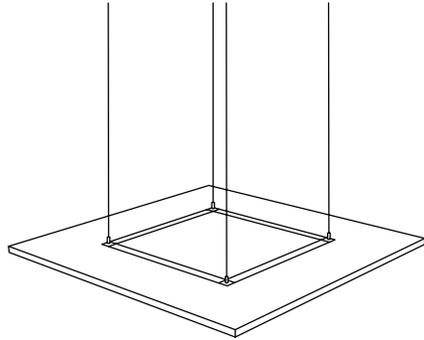
All panels are suspended whether individually or collectively in a grid suspension from the deck with aircraft cables. Accessory kit hardware are attached to panels via the metal extrusion or corner brackets on the back of each panel. Example shown identifies the locations of extrusions and corner brackets in the back of a nominal 4'x4' panel. Applications always require more than one kit.

NOTE: It is not recommended to install 4' X 8' panel as group from grouping frame; only independent suspension is recommended.



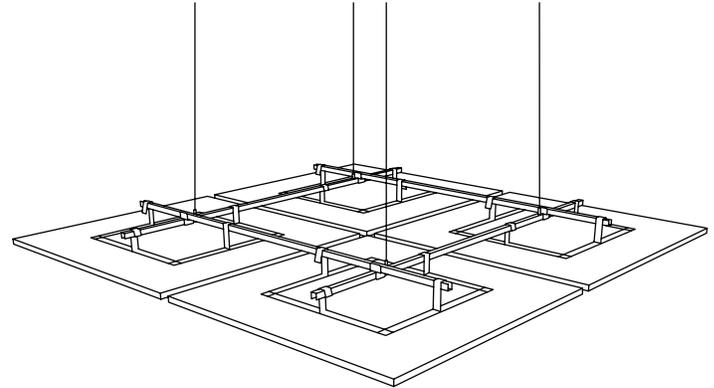
CABLE SUSPENSION

Panel can be installed with four suspension cables for individual suspension. Additional structural support may be required if cable anchor points are obstructed by HVAC, piping, or other components.



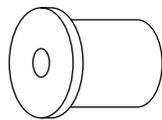
GROUP SUSPENSION

When suspending panels in a group configuration of more than two panels, grouping frames and suspension hooks provide support and systematic spacing.

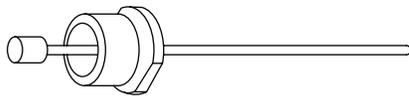


DECK HANGING KIT PART

Allows for suspending individual shapes or grouping frames from deck and bottom-end adjustment of height at panel or frame level.



GRIPPER
STRUCTURE
ANCHORS
(2)



GRIPPER
STRUCTURE
CAPS
(2)



8' AIRCRAFT
CABLES
(2)



NUT WITH
WASHERS
(2)



BOTTOM-END
CABLE ADJUSTERS
(2)

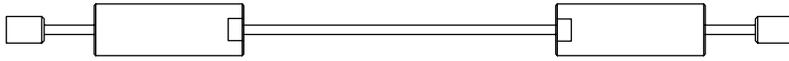
Cloudform Tiles

Fixture Options

CLOUDFORM COLLECTION

SAMPLE KITS

ANGLED HANGING KIT *Only for up to 60° Angle. For use when hanging panels at different angles. Extends from the end of Deck Hanging Kit.*
PART #



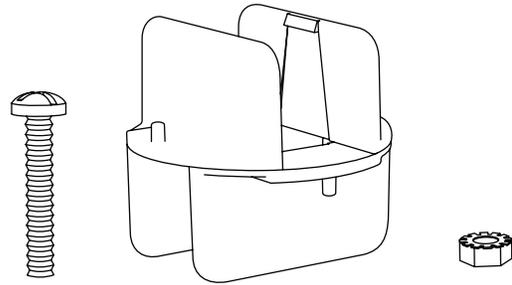
ANGLED
HANGING
CABLES
(2)

EXTENDED HANGING CABLES *For use with Deck Hanging Kit when longer cables are needed.*
PART #



30" AIRCRAFT
CABLES
(4)

90° FRAME ALIGNMENT KIT *For use with 90° group suspension frames.*
PART #

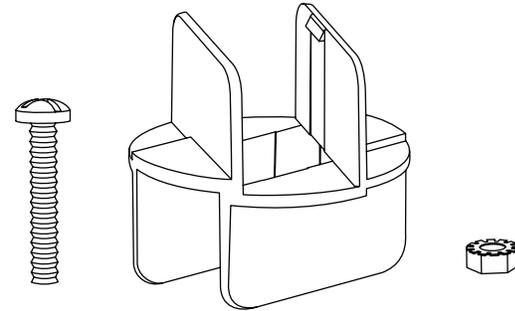


BOLTS
(4)

FRAME
ALIGNMENT
SPACERS
CLEAR PLASTIC
(4)

NUTS WITH
WASHERS
(4)

60° FRAME ALIGNMENT KIT *For use with 60° group suspension frames.*
PART #

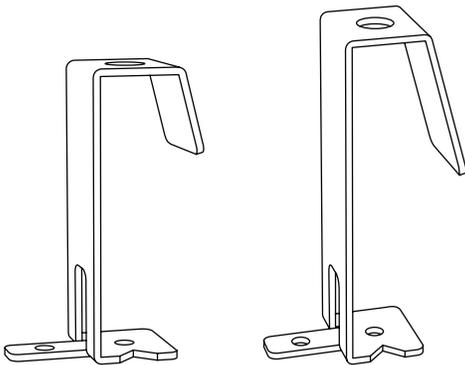


BOLTS
(4)

FRAME
ALIGNMENT
SPACERS
CLEAR PLASTIC
(4)

NUTS WITH
WASHERS
(4)

PANEL HOOK KIT *For use with group frames. All panels require 1 kit, except for Large Rectangle and Large Trapezoid which requires two kits.*
PART #

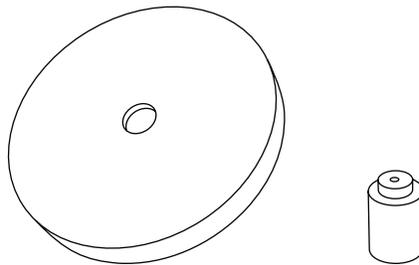


4.5"
HIGH PANEL HOOKS
BLACK OR WHITE
(2)

3.5"
HIGH PANEL HOOKS
BLACK OR WHITE
(2)

BOLTS
(8)

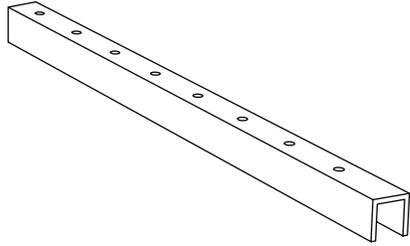
ESCUTCHEON KIT *Used when hanging panels below an existing ceiling.*
PART #



2" ESCUTCHEONS
(2)

COLLARS WITH
SET SCREWS
(2)

GROUPING FRAMES KIT *Suspension frames used to group panels together.*
PART #

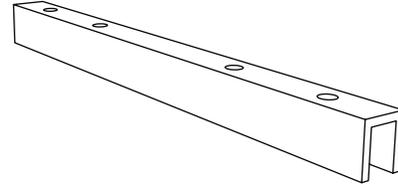


SUSPENSION FRAMES
12' LONG
BLACK OR WHITE
(4)

FRAME SPLICE KIT *Connects group suspension frames for longer runs greater than 12 feet.*
PART #



BOLTS WITH WASHERS
(4)

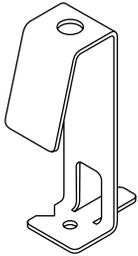


GROUP FRAME CONNECTORS
10" LONG
BLACK AND WHITE
(2)

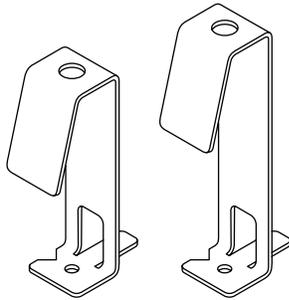


NUTS
(4)

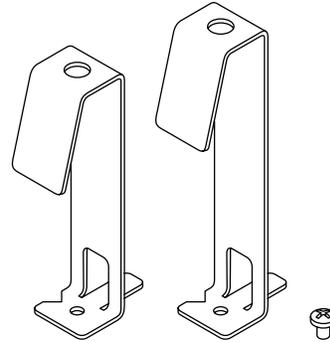
MULTI-PLANE HANGING KIT *For use when hanging panels at heights below Panel Hook Kit.*
PART #



1" DROP HOOK KIT
4.5" HOOKS (2)
4.5" HOOKS (2)
SCREWS (8)

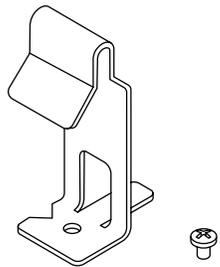


2" DROP HOOK KIT
4.5" HOOKS (2)
6.5" HOOKS (2)
SCREWS (8)



3" DROP HOOK KIT
6.5" HOOKS (2)
7.5" HOOKS (2)
SCREWS (8)

GRIP HOOK *For hanging individual panels from a standard suspension system. Only available for shapes square, hexagon, circle, rectangle small, Trapezoid small.*



HOOKS (4)
SCREWS (8)

SABINS PER FIXTURE *Equivalent square feet of perfect absorption*

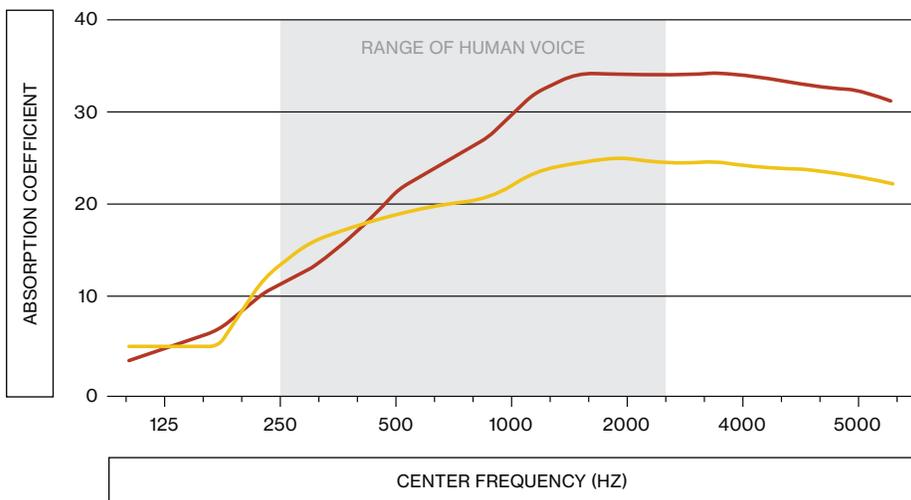
CENTER FREQUENCY (HZ)	8" FROM HARD SURFACE	48" FROM HARD SURFACE
100	0.15	0.11
125	0.15	0.16
160	0.15	0.21
200	0.37	0.33
250	0.48	0.40
315	0.54	0.51
400	0.58	0.65
500	0.61	0.75
630	0.63	0.83
800	0.71	0.96
1000	0.74	1.03
1250	0.76	1.02
1600	0.74	1.02
2000	0.75	1.02
2500	0.73	1.02
3150	0.72	0.99
4000	0.70	0.98
5000	0.67	0.94
NRC PER FIXTURE (CIRCULAR FOOTPRINT)	0.65	0.80

Absorption

NRC per Fixture: 0.65-0.80
Absorption per Fixture: 0.15-1.02 Sabins

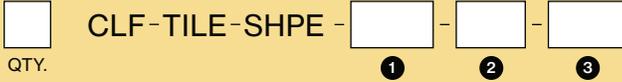
*Average of values taken at
250, 500, 1000, and 2000 Hz*

- 8" FROM HARD SURFACE
- 48" FROM HARD SURFACE



SPECIFICATION CODE

Example: 2 QTY CLF-TILE-SQ-TOT-TGRD



Complete form to order Cloudform Tile fixture(s). For each number, make one selection and enter in the corresponding box above.
 *Indicates modified choices; additional lead times and/or costs may apply.

1 SHAPE

- | | | | |
|------------------------------|----------|--------------------------------|-----------------|
| <input type="checkbox"/> SQR | SQUARE | <input type="checkbox"/> STRAP | TRAPEZOID SMALL |
| <input type="checkbox"/> CIR | CIRCLE | <input type="checkbox"/> LTRAP | TRAPEZOID LARGE |
| <input type="checkbox"/> HEX | HEXAGON | <input type="checkbox"/> SREC | RECTANGLE SMALL |
| <input type="checkbox"/> TRI | TRIANGLE | <input type="checkbox"/> LREC | RECTANGLE LARGE |
| | | <input type="checkbox"/> PARA | PARALLELOGRAM |

2 COLORS

PAINT COLOR OPTIONS

- | | | | |
|------------------------------|------------------|------------------------------|----------------|
| <input type="checkbox"/> TRB | TRICORN BLACK | <input type="checkbox"/> ALR | ALMOND ROCA |
| <input type="checkbox"/> BLF | BLACK FOX | <input type="checkbox"/> BEI | BEIGE INTENSO |
| <input type="checkbox"/> STC | STUDIO CLAY | <input type="checkbox"/> MAC | MACADAMIA |
| <input type="checkbox"/> TOT | TONY TAUPE | <input type="checkbox"/> TRN | TRES NATURALE |
| <input type="checkbox"/> SHW | SHOJI WHITE | <input type="checkbox"/> ICL | ICY LEMONADE |
| <input type="checkbox"/> IVL | IVORY LACE | <input type="checkbox"/> CHE | CHEERFUL |
| <input type="checkbox"/> SOC | SOCKEYE | <input type="checkbox"/> BRO | BROCCOFLOWER |
| <input type="checkbox"/> TIE | TIGEREYE | <input type="checkbox"/> SUG | SUPREME GREEN |
| <input type="checkbox"/> CAY | CAYENNE | <input type="checkbox"/> DUB | DUSTBLU |
| <input type="checkbox"/> INO | INVENTIVE ORANGE | <input type="checkbox"/> POB | POWDER BLUE |
| <input type="checkbox"/> SOA | SOFT APRICOT | <input type="checkbox"/> LBB | LITTLE BOY BLU |
| <input type="checkbox"/> AVA | AVID APRICOT | <input type="checkbox"/> OLW | OLYMPUS WHITE |

WOOD PRINT OPTIONS

- | | |
|------------------------------|--------------------|
| <input type="checkbox"/> EBS | BROWN SUGAR WALNUT |
| <input type="checkbox"/> WTC | TOFFEE CHESTNUT |
| <input type="checkbox"/> WVA | VANILLA ASH |
| <input type="checkbox"/> HNO | HONEY OAK |
| <input type="checkbox"/> WMW | DARK MOCHA WALNUT |
| <input type="checkbox"/> WGT | EARL GREY TEAK |
| <input type="checkbox"/> BCH | BOURBON CHERRY |

3 MOUNTING

- | | |
|-------------------------------|-------------------|
| <input type="checkbox"/> DM | DECK MOUNT |
| <input type="checkbox"/> GFM | GROUP FRAME MOUNT |
| <input type="checkbox"/> TGRD | T-GRID MOUNT |