

SERPENTINA® Classic and Semi-Concealed

Custom Curved Metal Clouds
smooth texture



Serpentina® Semi-concealed 24" x 72" panels with custom perforations in Silver Satin

Pre-engineered 3D curved metal ceiling system adds drama and acoustical performance with major impact.

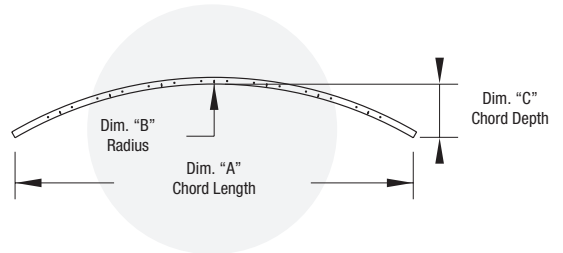
KEY SELECTION ATTRIBUTES

- More main beam options for maximum design flexibility; available in both "Hills" and "Valleys" with 15/16" or 9/16" suspension system
- XL*2 butt-cut cross tee end detail for a faster installation
- Standard panel colors available
- Extruded aluminum components and hot-dipped galvanized steel with stainless steel clips provide maximum corrosion resistance
- Serpentina® perforated clouds installed with acoustical infill panels provide greater sound absorption than a continuous ceiling of the same surface area because sound is absorbed from both the front and back surfaces
- 30-Year Limited System Warranty
(1-Year Limited System Warranty for Pool Installations)



Serpentina® clouds for pools are available in 15/16" Classic and Semi-concealed panels. Acoustical infill panels are available if required. Contact TechLine or your local Armstrong Ceilings representative for questions related to pool applications.

COLORS Due to printing limitations, shade may vary from actual product.



PERFORATION OPTIONS / SOUND ABSORPTION

	UPA Unperforated	R042	R062	*R250	**R375	**R188
Acoustic Infill						
8200T10	-	1.14	1.14	0.96	1.03	0.94
Fleece	-	0.68	0.77	-	0.84	0.65
No Fleece	-	-	-	-	-	-
	**S250	**S375	*S500	**H250	*R125	Custom
Acoustic Infill						
8200T10	1.06	1.04	0.95	0.96	1.13	-
Fleece	-	-	-	-	-	-
No Fleece	-	-	-	0.04	-	-

* Laminated acoustical fleece is not available for use in Pool Applications or on perforated Panels R125, S500, R250, and H250 due to open cell percentage. For acoustical correction in pool installations, specify 24" x 24" poly bags.

** Black, Fine Fissured™ panels, laminated to the back of Serpentina perforated metal panels, provide a matching visual for flat areas adjacent to, or within, a Serpentina ceiling. Available for R188, R375, and S375.

***H250 Perforation meets NFPA guidelines for sprinkler systems.

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LEED® WELL™ LBC

UP TO **50% RECYCLED CONTENT**

For LEED contribution contact TechLine

energy management
construction waste mgmt
regional materials
design for flexibility
EPD
recyclable/producer resp.
biobased materials
recycled content
sourcing of low materials
material ingredient reporting
low emitting materials
lighting quality
acoustics

LOCATION DEPENDENT

PB ONLY PB ONLY

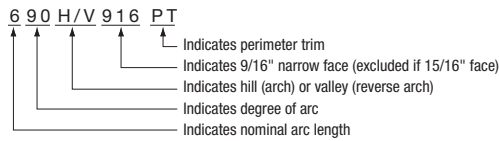
SERPENTINA® SUSPENSION SYSTEM

Serpentina Main Beams and Curved Perimeter Trim

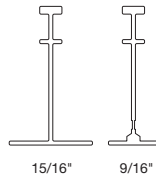
Item No. ◆	Arc	Dim. "A"	Dim. "B"	Dim. "C"	Item No. ◆	Arc	Dim. "A"	Dim. "B"	Dim. "C"
10225_-----	22.5	9' 11-1/4"	25' 5-9/16"	0' 5-7/8"	6375_-----	37.5	5' 10-3/4"	9' 2"	0' 5-13/16"
1030_-----	30	9' 10-5/8"	19' 1-3/16"	0' 7-13/16"	645_-----	45	5' 10-1/8"	7' 7-11/16"	0' 7-1/16"
10375_-----	37.5	9' 9-7/8"	15' 3-5/16"	0' 9-3/4"	6525_-----	52.5	5' 8-3/4"	6' 6-9/16"	0' 8-1/8"
1045_-----	45	9' 8-7/8"	12' 8-13/16"	0 11-3/8"	660_-----	60	5' 8-3/4"	5' 8-3/4"	0' 9-5/16"
10525_-----	52.5	9' 7-7/8"	10' 10-15/16"	1' 1-1/2"	675_-----	75	5' 7"	4' 7"	0' 11-3/8"
1060_-----	60	9' 6-9/16"	9' 6-9/16"	1' 3-5/8"	690_-----	90	5' 4-1/2"	3' 9-13/16"	1' 1-7/16"
1075_-----	75	9' 3-5/8"	7' 7-11/16"	1' 6-15/16"	4075_-----	7.5	3' 11-15/16"	30' 6-5/8"	0' 0-13/16"
1090_-----	90	9' 0"	6' 4-3/8"	1' 10-3/8"	415_-----	15	3' 11-7/8"	15' 3-3/8"	0' 1-9/16"
815_-----	15	7' 11-3/4"	30' 6-11/16"	0' 3-18"	4225_-----	22.5	3' 11-11/16"	10' 2-1/4"	0' 2-5/16"
8225_-----	22.5	7' 11-3/8"	20' 4-7/16"	0' 4-3/4"	430_-----	30	3' 11-3/8"	7' 7-11/16"	0' 3-1/8"
830_-----	30	7' 10-7/8"	15' 3-3/8"	0' 6-1/4"	4375_-----	37.5	3' 11-1/8"	6' 1-3/8"	0' 3-7/8"
8375_-----	37.5	7' 10-5/16"	12' 2-11/16"	0' 7-3/4"	445_-----	45	3' 10-3/4"	5' 1-1/8"	0' 4-5/8"
845_-----	45	7' 9-9/16"	10' 2-1/4"	0' 9-7/16"	4525_-----	52.5	3' 10-5/16"	4' 4-3/8"	0' 5-3/8"
8525_-----	52.5	7' 8-11/16"	8' 8-3/4"	0' 10-13/16"	460_-----	60	3' 9-7/8"	3' 9-13/16"	0' 6-1/16"
860_-----	60	7' 7-11/16"	7' 7-11/16"	1' 0-7/16"	475_-----	75	3' 8-1/2"	3' 0-5/8"	0' 7-1/2"
875_-----	75	7' 5-5/16"	6' 1-5/16"	1' 3-3/16"	490_-----	90	3' 7-1/4"	2' 6-9/16"	0' 8-13/16"
890_-----	90	7' 2-7/16"	5' 1-1/8"	1' 5-7/8"					
615_-----	15	5' 11-13/16"	22' 11"	0' 2-3/8"					
6225_-----	22.5	5' 11-9/16"	15' 3-3/8"	0' 3-9/16"					
630_-----	30	5' 11-3/16"	11' 5-1/2"	0' 4-9/16"					

◆ When specifying or ordering, add the appropriate perforation and color suffixes.

For additional information and accessories, see brochure BPCS-3960. CAD drawings available on armstrongceilings.com/serpentina



Serpentina® main beams are identified by arc length. For example, a 690 hill main beam has a 5' 4-1/2" chord length and will occupy 5' 4-1/2" of ceiling area.



NOTE: 9/16" suspension uses 24" x 24" panels only, and is not available for pool applications.

Perimeter Trim

Trim	4STR	N/A	N/A	N/A	N/A
6STR		N/A	N/A	N/A	N/A
8STR		N/A	N/A	N/A	N/A
10STR		N/A	N/A	N/A	N/A

PERFORATION SPECIFICATIONS

Perforation	Perforation Size	Open Area	Border
R042	3/64" Dia. @ 1/8" O.C.	11%	No border
R062	1/16" Dia. @ 1/4" O.C.	6%	No border
R250	1/4" Dia. @ 0.32" O.C.	58%	Nominal 3/4" border
R375	3/8" Dia. @ 1-1/8" O.C.	10%	Nominal 3/4" border
R188	3/16" Dia. @ 1" O.C.	4%	Nominal 3/4" border
S250	1/4" x 1/4" @ 3/4" O.C.	11%	Nominal 3/4" border
S375	3/8" x 3/8" @ 1-1/8" O.C.	11%	Nominal 3/4" border
S500	1/2" x 1/2" @ 5/8" O.C.	64%	Nominal 3/4" border
H250	1/4" width @ .281 Staggered	79%	Nominal 3/4" border
R125	1/8" Dia. @ 3/16" O.C.	41%	Nominal 3/4" border

PHYSICAL DATA

Material
Extruded aluminum curved main beams and hot-dipped galvanized steel Prelude® or Suprafine® cross tees. Pool applications receive aluminum Prelude cross tees with stainless steel clips.

Main Beam Load Test Data
Hanger Spacing (Lbs/LF)
(Applies to straight 15/16" face sections only)
42" – 18.66 48" – 10.80

Fire Performance
Class A: Flame Spread Index 25 or less and Smoke Developed Index 50 or less when tested in accordance with ASTM E84.

Cross Tee/Main Beam Interface
Flush Fit

End Detail
Staked-on clip

Panel Sizes
24" x 48" and 24" x 72" semi-concealed metal panel options;
24" x 24", 24" x 48", and 24" x 72" lay-in panel options
(select panel types perforated and unperforated).

Design Considerations
9/16" suspension systems use 24" x 24" panels only, (9/16" suspension systems are not available for pool applications).

Seismic Requirements
Serpentina clouds are approved for use in all seismic areas when installed per the seismic guidelines in the Armstrong Ceilings installation instructions.

Acoustical Options
By adding optional poly-bagged fiberglass or laminated fleece backing, you can achieve a greater acoustical performance in your design.