

SERPENTINA® Classic and Semi-Concealed

Curved Metal Clouds



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
- Armstrong® standard panel colors; custom RAL® 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)



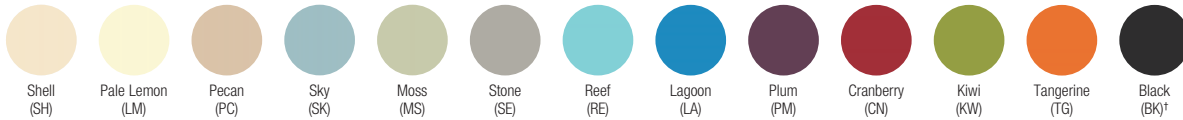
Serpentina clouds for pools are available in 15/16" Classic and Semi-concealed. Acoustical infill panels are available if required. Contact TechLine or your local Armstrong Ceilings representative for questions related to pool applications.

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

Standard Colors

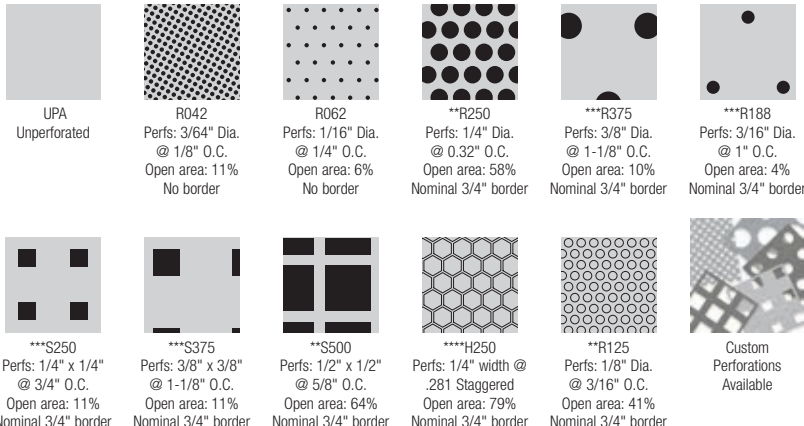


Colorations® Colors



NOTE: For Colorations, and custom colors - Contact Armstrong Customer Service at 1-877-276-7876 and select options 1-1-2.

PERFORATION OPTIONS



* Diamond Louver and Diamond Sheer panels are only available in Bright Clear Anodized as standard 24" x 24" lay-in panels.

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

*** Tech 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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UP TO **50%** RECYCLED CONTENT

Calculate LEED contribution at armstrongceilings.com/greengenie

LEED®

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

LOCATION DEPENDENT

SERPENTINA® SUSPENSION SYSTEM

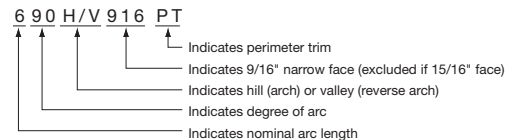
Serpentina Main Beams and Curved Perimeter Trim

| 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" | | | | | |

All dimensions are nominal

For additional information and accessories, see brochure BPCS-3960.

CAD drawings available on armstrongceilings.com/serpentina

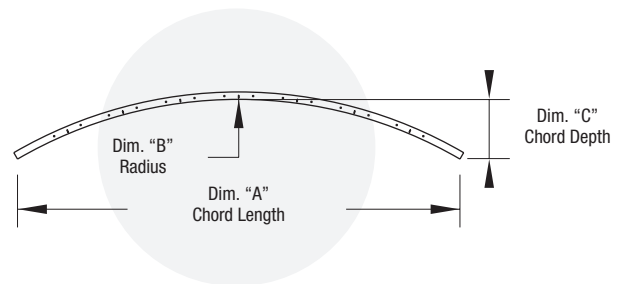


Serpentina main beams are identified by arc length. For example, a 690 hill main beam has a 5' 4-1/2" chord length and will occupy 5' 4-1/2" of ceiling area.

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

Perimeter Trim

| | | | | |
|--------------|-----|-----|-----|-----|
| 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 |



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

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

Refer to ASCE 7-10 for seismic requirements.

Acoustical Options

By adding optional poly-bagged fiberglass or laminated fleece backing, you can achieve a greater acoustical performance in your design. No ASTM test exists for curved configurations.

Fire Performance

Metal: Class A