

**CEILING** | SYSTEMS

Between us, ideas become reality™

**INFUSIONS®**  
Accent Canopies

**Armstrong®**

## Make a statement.

Create a focal point. Accentuate an area with a splash of color or a simple pattern. If you have the canvas, we can provide the tools!

### Mix...

Blend classic and modern, fabric and translucent looks. New bold hues and golden patterns play well with other Armstrong finishes.

### and match...

Dot to dot. Stripe to stripe. Pattern to pattern. Explore, innovate, play. You'll find coordinating solid colors that can be used with our unique Graphix patterns to complete your vision.

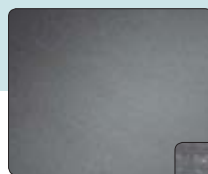
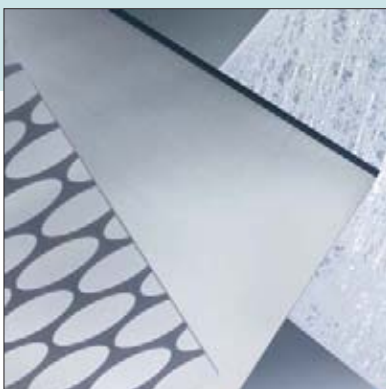
### and mingle.

Infuse some fun into your next ceiling design. Canopies are available in 2' x 5', 2' x 6', and (our big daddy) 4' x 10' sizes. Suspend them from the ceiling or anchor them to the wall. Mingle hills with valleys or just let them flow as far as the eye can see.



## INFUSIONS® Canopies

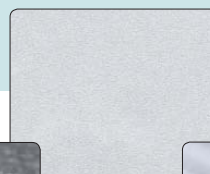
Mix and Match Solids, Patterns, and Graphix



Solids



Patterns



Alloy



Channeled



Graphix



Infusions® Accent Canopies 2' x 5' in Perforated Alloy

## Key Selection Attributes

- Canopies can be used to define spaces, accentuate an area, provide focus, create ceiling artwork
- Seven bright solid colors coordinate with SoundScapes® Canopies and Shapes
- Six goldtone patterns complement interior finishes
- Graphix canopies offer 30 fun and flavorful design and color options
- Standard components allow you to create custom configurations
- You can mix and match sizes, shapes, textures, finishes
- Durable
  - Impact-resistant
  - Strong edges
- Infusions ceiling systems offer the industry's highest fire performance; panels meet both the Class A and IBC drop-out requirements for fire performance (drop-out tested to withstand 200-degree temperatures for 30 minutes)
- Lighting can enhance the impact of canopies
- Suspend individually or in groups with a wide range of linking and attachment kits
- Installation is fast and simple – no special tools are required
- Standard kits provide all the needed hardware
- Translucent canopies coordinate with Infusions Lay-in panels, Partitions, Walls and Wings
- 4' x 6' Polycarbonate and 4' x 8' PETG sheets available for coordination with Infusions Canopies, Lay-in panels, and Partitions (Sheets may not be used for ceiling applications)

## Typical Applications

High visibility and focus areas, including:

- Hospitality and retail
- Office
- Healthcare
- Education
- Lobbies/atriums (recommended for 4' x 10' canopies)
- Exposed structure areas
- Transportation

# INFUSIONS® Accent Canopies

## Channeled

4' x 10'



Channeled Mist  
(CHT)



Channeled Caribbean  
(CHC)



Channeled Midnight  
(CHM)



Channeled Sunset  
(CHS)



Channeled Fire  
(CHF)

2' x 5' and  
2' x 6'



Channeled Mist  
(CHT)



Channeled Caribbean  
(CHC)



Channeled Midnight  
(CHM)



Channeled Sunset  
(CHS)



Channeled Fire  
(CHF)



Channeled Vision  
(CHV)



Channeled Intellect  
(CHN)

## Patterns

Goldtones



Honey Canvas  
(THC)



Spun Copper  
(TSC)



Crushed Copper  
(TCC)



Linen Gold  
(TLG)

Tone-on-tones



Chalk Folio  
(TCF)



White Circlets  
(TWC)



Silver Orbit  
(TSR)



Indigo Surf  
(TNS)

Arbors



Clear Arbor  
(TCA)



Blue Arbor  
(TBA)



Orange Arbor  
(TOA)



Red Arbor  
(TRA)

Linens



Natural Linen  
(TNL)



Blue Linen  
(TBL)

Crystallines



Crystalline Silverado  
(TSV)



Crystalline Focus  
(TCR)



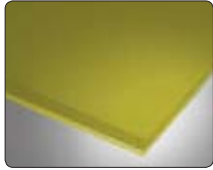
Crystalline Sky  
(TSY)

## Solids

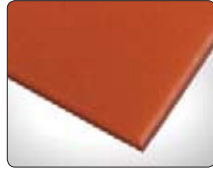
2' x 5' and 2' x 6'



Cultured Pearl  
(TCP)



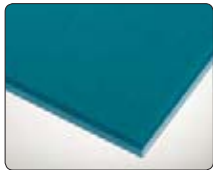
Budding Creativity  
(TBD)



Sedona Spirit  
(TSS)



Inspiration Ice  
(TNC)



Tranquility Teal  
(TTT)



Red Fire  
(TRF)



Calm Water  
(TCW)



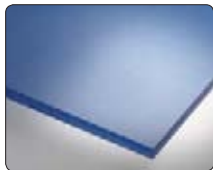
Peace Blue  
(TPB)



Cinnamon Sanity  
(TCS)



Natural Faith  
(TNF)



Sheer Iris  
(TSI)



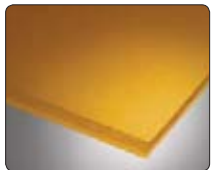
Loyalty Latte  
(TLL)



Blueberry Bliss  
(TBB)



Caribbean Renewal  
(TAR)

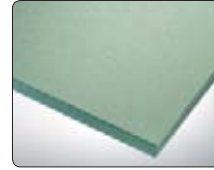


Saffron Energy  
(TSE)



Sage Happiness  
(TSH)

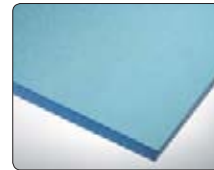
## SoundScapes® Colors\*



Refined Kiwi  
(TRK)



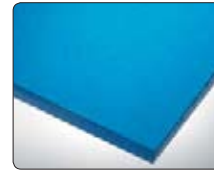
Refined Tangerine  
(TRT)



Refined Reef  
(TRR)



Refined Cranberry  
(TRC)



Refined Lagoon  
(TRL)



Refined Black  
(TRB)



Refined Plum  
(TRP)

\* Now, Infusions® Accent Canopies colors coordinate with SoundScapes Acoustical Canopies and Shapes, as well as Infusions Lay-in panels, Partitions, Walls, and Wings. Visit [armstrong.com/infusions](http://armstrong.com/infusions) for more information.

## Alloys



Perforated Alloy  
(MPA)

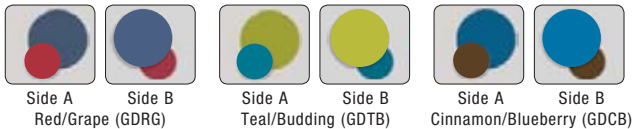
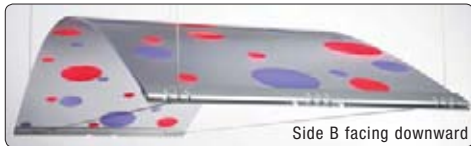


Simplicity Alloy  
(MSA)

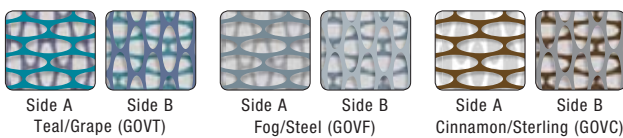
# Graphix

2' x 5' and 2' x 6'

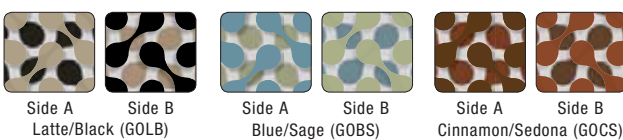
## Dots



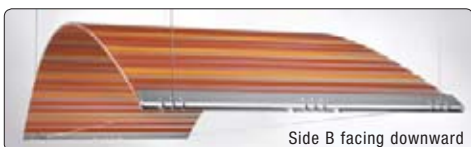
## Ovals



## Oars



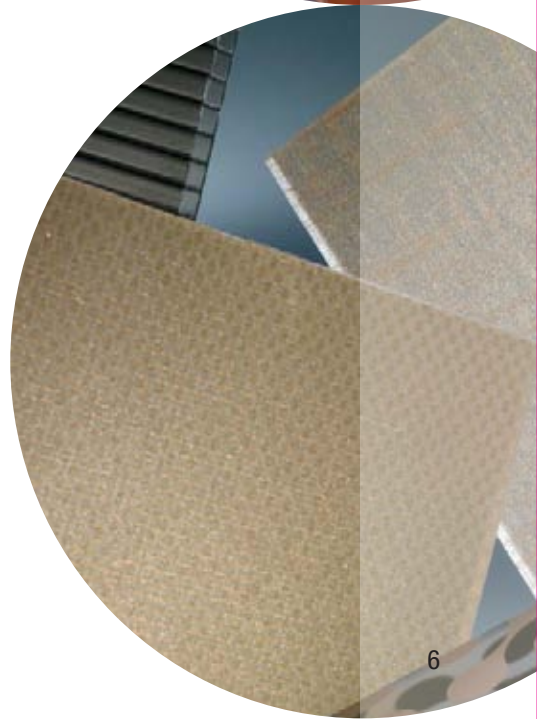
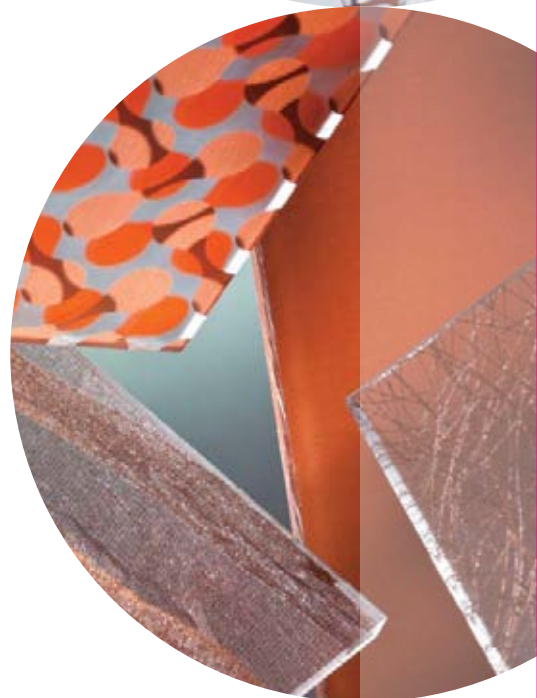
## Stripes



## Branches



NOTE: All Infusions Graphix designs © 2010 AWI Licensing Company  
 Visit [armstrong.com/infusions](http://armstrong.com/infusions) for additional Graphix panel photos and color coordination information.





Infusions Wings



Infusions Lay-in Panels



Infusions Walls

Product: Infusions®  
Accent Canopies 2' x 6'  
in Crystalline Focus

*ideas reality*



The Kaufmann Stadium renovation project also included MetalWorks™ Tegular Microperforated in Silver Grey with Classic Axiom®.

Infusions Accent Canopies 2' x 6' in Indigo Surf

## Project Spotlight

**Project:** Kansas City Royals, Kauffman Stadium

**Location:** Kansas City, MO

**Product:** Infusions® Accent Canopies

“Kauffman Stadium’s iconic feature is its 322-foot wide water spectacular, the largest privately funded fountain in the world, which shoots into action during key plays of the baseball games. During the ballpark’s \$250 million renovation, this feature influenced the interiors as well as the exterior and became a key design element of a new outfield walkway. We selected the Infusions Canopies to bring the idea of water movement into the entry lobby, the first interior experience of the ballpark, which incorporate well with the native limestone feature walls, demonstrating the continuity between earth and water. Also, the translucent blue calls not only to water, but to the Royals’ primary team color.”

*Kara Boshart*  
Associate - NCIDQ, LEED® AP  
Populous  
Kansas City, Missouri





# INFUSIONS®

## Accent Canopies


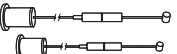


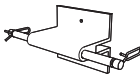



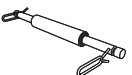




### Panel Selection

Item Number*	Dimensions*	Pcs/Ctn	Colors	
<b>INFUSIONS Accent Canopies – 4' x 10' Panel Kits</b>				
54101_ _ _	4' x 10' x 5/8"	1	See inside spread for 5 color options	<b>Kit Contents:</b> – Flat Infusions panel (1 or 2) with nominal 4' Aluminum Extrusions (2/panel) attached – Cables to form arcs (30° or 50°)
54102_ _ _	4' x 10' x 5/8"	2	See inside spread for 5 color options	
<b>INFUSIONS Accent Canopies – 2' x 5' and 2' x 6' Panel Kits</b>				
54051_ _ _	2' x 5' x 1/4"	1	See inside spread for color options	<b>Kit Contents:</b> – Flat Infusions panel (1 or 2) with nominal 2' Aluminum Extrusions (2/panel) attached – Cables to form arcs (60° or 90°)
54052_ _ _	2' x 5' x 1/4"	2	See inside spread for color options	
54061_ _ _	2' x 6' x 1/4"	1	See inside spread for color options	
54062_ _ _	2' x 6' x 1/4"	2	See inside spread for color options	

\* When specifying or ordering, include the appropriate three-letter or four-letter (Graphix) color suffix. See pages 4-6.

\* Infusions Alloy canopies' thickness (1/8") differs from other 2' x 5' and 2' x 6' canopies (1/4")

### Accessory Selection

ITEM	DESCRIPTION		
<b>Hanging Kits</b>			
7004	Standard 8' Hanging Kit	N/A	
7005	Extended Hanging Kit – 16'	Allows for extended drops from deck and bottom end adjustment of height at panel	
7010	Extended Hanging Kit – 30'	Same as 7005 above except 30' cables (2)	
7041	Dual Canopy Hanging Kit	Links two canopies end-to-end with one yoked wire to minimize visible wires	
<b>Wall &amp; Ceiling Kits</b>			
7006	Escutcheon Kit	Used when hanging canopy below an existing ceiling	
7008	Wall Attachment Kit	Anchors canopies side-by-side to a wall	
7009	Wall End Attachment Kit	Used at ends when linking single or multiple canopies	
<b>Linking Kits</b>			
7042	Flush Spacing Kit	Links two canopies side-by-side with flush spacing	
7043	1/2" Spacing Kit	Links two canopies side-by-side with 1/2" spacing	
7007	3" Spacing Kit	Links two canopies side-by-side with 3" spacing	
7044	Single Hinge Linking Kit	Links two canopies end-to-end, two kits typically needed	
7045	Dual Hinge Flush Linking Kit	Links four canopies together end-to-end and flush side-to-side	
7046	Dual Hinge 1/2" Linking Kit	Links four canopies together end-to-end and with 1/2" spacing side-to-side	
7047	Dual Hinge 3" Linking Kit	Links four canopies together end-to-end and with 3" spacing side-to-side	

NOTE: Accessory kits are compatible with all canopy sizes.

See panel arc details and Infusions Accent Canopies Technical Guide, CS-3908, for layout and configuration ideas. If you need assistance identifying what and how many accessory kits are needed for your project, please contact TechLine™ at 1 877 ARMSTRONG.

# INFUSIONS®

## Accent Canopies

### Physical Data

#### Material

- Polycarbonate
- Aluminum

#### Surface Finish

Smooth

#### Fire Performance

Infusions Accent Canopies, as with other architectural features located at the ceiling, may obstruct or skew the planned fire sprinkler water distribution pattern, or possibly delay or accelerate the activation of the sprinkler or fire detection systems by channeling heat from a fire either toward or away from the device.

Designers and installers are advised to consult a fire protection engineer, NFPA 13, and their local codes for guidance where automatic fire detection and suppression systems are present.

Infusions Canopies have been tested according to NFPA 286 and are equivalent to Class A Interior Finish as defined in Chapter 8 of the International Building Code. For proper fire performance, do not install polycarbonate panels so that any portion of the panel is suspended directly above any portion of an aluminum panel.

Aluminum panels are noncombustible.

Contact TechLine at (877) 276-7876 for specific US and Canadian fire performance data.

#### Weight; Pieces/Carton

PANEL MATERIAL	2' x 5'		2' x 6'		4' x 10'	
	2 pc	1 pc	2 pc	1 pc	2 pc	1 pc
Solid Polycarbonate	42 lbs	21 lbs	50 lbs	25 lbs	n/a	n/a
Channeled Polycarbonate	12 lbs	6 lbs	14 lbs	7 lbs	52 lbs	26 lbs
Aluminum	42 lbs	21 lbs	50 lbs	25 lbs	n/a	n/a
7004 – 0.3 lbs	7008 – 0.4 lbs					
7005 – 0.5 lbs	7009 – 0.2 lbs					
7006 – 0.1 lbs	7010 – 0.7 lbs					
7007 – 0.2 lbs						

All other accessory kits weigh less than 1 lb each.

#### Warranty

Limited one-year warranty. Details: [armstrong.com/warranty](http://armstrong.com/warranty)

#### Suspension System

Canopy-specific hardware must be ordered based on your design plan. See inside for details and some design guidelines or contact TechLine at 1 877 ARMSTRONG.

#### Design Considerations

Infusions panels should always be installed in accordance with all applicable building codes and regulations.

Do not suspend polycarbonate panels over top of aluminum panels.

Do not cut holes in or drill through Infusions Accent Canopies. Doing so may cause the panel to bend in an irregular fashion.

The lowest point of a suspended Infusions panel should be at least 7'-6" above the finished floor surface.

Infusions panels are not approved for exterior application.

Plastic panels can be damaged by exposure to high temperatures. Panel temperature should not be permitted to exceed 100° F after the tensioning cables have been installed. Follow these guidelines for minimum distance from standard light sources:

LAMP TYPE	LABEL WATTAGE	MINIMUM DISTANCE
Halogen FL XL PAR 30	60	14"
Incandescent Bulb	120	15"
Quartz Halogen Work Light	500	23"

#### Installation Considerations

The International Building Code requires the attachment of free floating architectural components to be designed for three times the design load.

Use the assembled canopy weights provided in this table to select mounting hardware that will meet this requirement:

MATERIAL	2' x 5'	2' x 6'	4' x 10'
Solid Polycarbonate	21 lbs	25 lbs	n/a
Channeled Polycarbonate	6 lbs	7 lbs	26 lbs
Aluminum	21 lbs	25 lbs	n/a

Always install in accordance with installation instructions.

Do not allow panel edges to get wet.

#### Seismic Restraint<sup>1</sup>

The International Building Code allows architectural components to swing freely as long as they will not be damaged or cause damage. Cable lengths less than 20 inches will generate the greatest amount of pendulum reaction during a seismic event, and should, therefore, be avoided. When it is not practical to use cables greater than 20 inches long allow lateral clearance around the canopies equal to, or greater than, the length of the cable.

Canopies suspended from cables greater than 20 inches long will swing no more than 8 inches. Restraint of canopies has proven to be ineffective and is not recommended.

<sup>1</sup> Pendulum reaction information is based on full scale testing and computer modeling conducted at the Structural Engineering Earthquake Simulation Lab located at the State University of New York at Buffalo

Infusions Graphix designs copyrighted by Armstrong

U.S. Patent No. 7,406,802; U.S. Patents Pending, including  
U.S. Patent Publication No. 2008/0271395 and 2008/0307724

TechLine<sup>SM</sup> / 1 877 ARMSTRONG  
1 877 276 7876

[armstrong.com/infusions](http://armstrong.com/infusions)

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