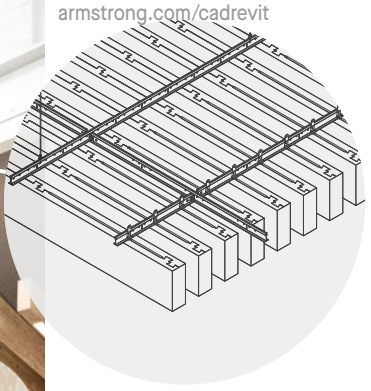
FELTWORKS® Beams & LED Beams – VarAffix®

Acoustical Ceiling Baffles with Armstrong Integrated Lighting

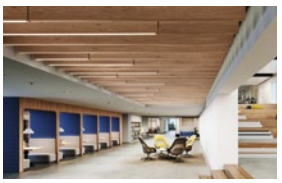
SUSTAIN®
High Performance
Sustainable
Ceiling Systems



CAD/Revit® drawings at:
armstrong.com/cadrevit



For alternative colors and designs tailored to your projects, visit turf.design



FeltWorks® Beams & LED Beams in Harvest Oak

3"-thick acoustical baffles with an integrated LED light option allow for simple, design flexibility and installation versatility.

KEY SELECTION ATTRIBUTES

- Thick, bold baffles with matching integrated lighting options come in new colors and wood looks that coordinate with the rest of the Armstrong portfolio
- Standard nominal 10' long baffle option allows for better linear runs, minimizing seams in large installations
- Mix standard lengths and depths for dynamic visuals
- Soft visual, quieter acoustics
- Sound absorption up to 1.15 NRC dependent on baffle depth and spacing
- Pair with acoustical ceiling panels to get total noise control and design flexibility with Total Acoustics® ceiling panels: NRC + CAC = Total Acoustics
- Only 2 adjustable 1/4-20 threaded connectors needed per baffle for installation versatility including cable-to-deck independent suspension, threaded rod, and direct to Prelude XL 15/16" grid
- Independent suspension now allows for sloped installations
- Great retrofit solution
- Division 09 Class A Interior Finish per NFPA 286 testing
- Made from 60% pre-consumer recycled PET fibers
- Part of the Sustain® portfolio, and meets the most stringent industry sustainability compliance standards today
- CleanAssure™ family of products – includes disinfectable panels, suspension systems, and trim

TechLine 877 276-7876
armstrong.com/varaffix

Armstrong®
World Industries

FELTWORKS® Beams & LED Beams – VarAffix®

Acoustical Ceiling Baffles with Armstrong Integrated Lighting



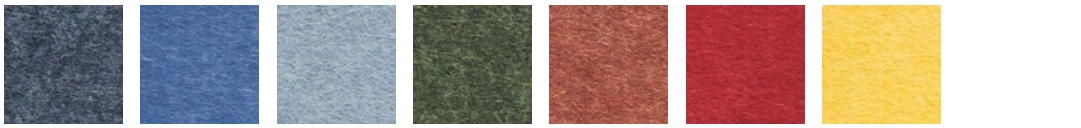
FeltWorks® Beams & LED Beams in Tide

STANDARD COLORS

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



Graphite (FGH) | Steel (FST) | Bedrock (FBR) | Frost (FFS) | Ecru (FEC) | Drift (FDR) | Sand (FSD) | Coconut (FCT)



Oxford (FOX) | Tide (FTI) | Mist (FMI) | Grove (FGO) | Mesa (FME) | Poppy (FPY) | Harvest (FHV)

STANDARD WOOD LOOKS



Silver Drift (FWS) | Smokewood (FWW) | Mushroom Ash (FWM) | Blonde Timber (FWB) | Harvest Oak (FWO) | Auburn Grain (FWG) | Cocoa Bliss (FWC) | Midnight Umber (FWU)

BLADES – Standard

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FELTWORKS® Beams & LED Beams – VarAffix®

Acoustical Ceiling Baffles with Armstrong Integrated Lighting

SUSTAIN® High Performance Sustainable Ceiling Systems

Declare.

RECYCLED CONTENT UP TO 60%

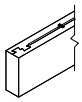
LEED V5

COMMON MATERIALS FRAMEWORK			
Human Health	Declare Label	Climate Health	EPD
	HPD	Ecosystem Health	EPD
	3rd Party CDPH	Circular Economy	✓
OCCUPANT EXPERIENCE		Acoustics	✓

VISUAL SELECTION

PERFORMANCE

Dots represent high level of performance.

	Item No.◆	Nominal Dimension (D × L × Thickness)		Fire Rating	Light Reflect (Frost only)	Certified Low VOC Emissions	CleanAssure™ Disinfectable Panels: Spray	DURABILITY: Impact	DURABILITY: Scratch
FELTWORKS® Beams – VarAffix®	**6377RBE01_ _ _**	4" × 35" × 3"		Class A	0.79 *	•	•	•	•
	**6377RBE02_ _ _**	4" × 47" × 3"		Class A	0.79 *	•	•	•	•
	6377RBE03_ _ _	4" × 71" × 3"		Class A	0.79 *	•	•	•	•
	6377RBE04_ _ _	4" × 95" × 3"		Class A	0.79 *	•	•	•	•
	6377RBE05_ _ _	4" × 119" × 3"		Class A	0.79 *	•	•	•	•
	6377RBE06_ _ _	8" × 35" × 3"		Class A	0.79 *	•	•	•	•
	6377RBE07_ _ _	8" × 47" × 3"		Class A	0.79 *	•	•	•	•
	6377RBE08_ _ _	8" × 71" × 3"		Class A	0.79 *	•	•	•	•
	6377RBE09_ _ _	8" × 95" × 3"		Class A	0.79 *	•	•	•	•
	6377RBE10_ _ _	8" × 119" × 3"		Class A	0.79 *	•	•	•	•

◆ When specifying or ordering, include the appropriate 3-digit color suffix (e.g. 6370RCE008 F B R)
Suspension Systems sold separately. See Installation Accessories for specific item numbers.
* Baffles should not be field-cut as the inside of the baffle will be exposed. For other sizes, visit turf.design.

ACOUSTIC INFORMATION

Panel Depth	6" O.C. (NRC)	8" O.C. (NRC)	10" O.C. (NRC)	12" O.C. (NRC)	18" O.C. (NRC)	24" O.C. (NRC)
4"	0.90	0.75	0.65	0.55	0.40	0.35
8"	1.15	1.05	0.95	0.85	0.65	0.55

NOTE: Tested per ASTM C423 without infill panels. Spacing of baffles, baffle depth, and acoustical infill panels will impact acoustical performance. Testing is for Beams only and does not include LED Beams. Contact TechLine for a custom reverberation time report at techline@armstrong.com

Dots represent high level of performance.

Product Name	Infill Panel Item No.	NRC + CAC = Total Acoustics[1]
Calla® Lay-in & Tegular	**2821** (White) **2821BK** (Black) **2823** (White) **2823BK** (Black)	0.85 * + 35 * = BEST
Backstage Noir® Square Lay-in Panel	**1319** (Black)	0.75 + 30 = N/A
Fine Fissured™ Lay-In & Tegular	**1714** (White) **1824** (White)	0.70 + 35 = N/A

[1] Total Acoustics® ceiling panels have an ideal combination of sound absorption and sound blocking in one product. These acoustical values represent the infill panels only.
GOOD (NRC 0.60-0.65; CAC 35+)
BETTER (NRC 0.70-0.75; CAC 35+)
BEST (NRC 0.80+; CAC 35+)

ITEM NUMBER KEY

6377 RBE 01 FST

- 6377 — Item: FeltWorks® Beams–VarAffix®
- RBE — Hardware: Rectangular Beam Embedded
- 01 — Size: 4" × 47"
- FST — Color: Steel

BLADES – Standard

TechLine 877 276-7876
armstrong.com/varaffix

Armstrong® World Industries

FELTWORKS® Beams & LED Beams – VarAffix®

Acoustical Ceiling Baffles with Armstrong Integrated Lighting

SUSTAIN® High Performance Sustainable Ceiling Systems

Declare.

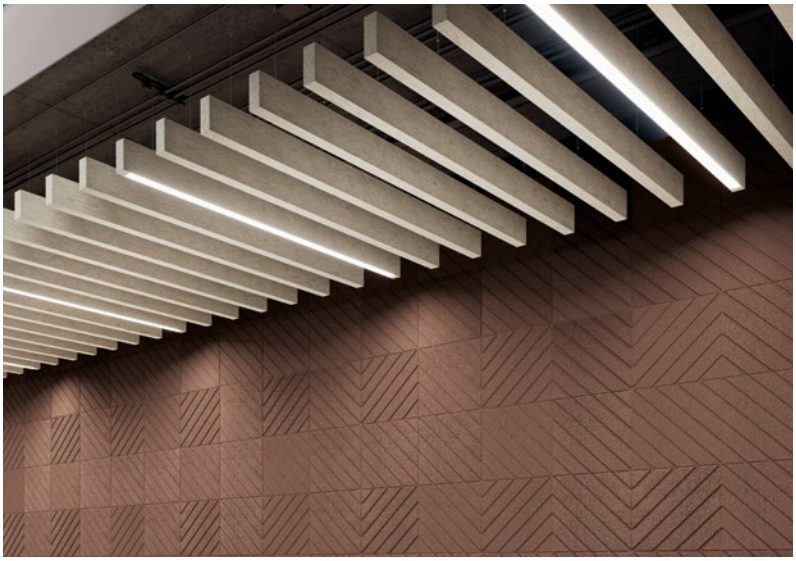
RECYCLED CONTENT

UP TO 60%

LEED V5

COMMON MATERIALS FRAMEWORK		Climate Health	EPD
Human Health	Declare Label	Ecosystem Health	EPD
	HPD		
	3rd Party CDPH	Circular Economy	✓
OCCUPANT EXPERIENCE		Acoustics	✓

INTEGRATED LED LIGHTING



LED BEAMS – VARAFFIX

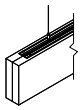
- Specification is easy with Beams - VarAffix: these acoustical baffles with integrated LED luminaires match the rest of the installation
- One popular, dimmable lighting configuration that covers 80-90% of commercial use cases
- Recommended installing 1 LED Beam for every 10' of unlit Beams or as determined by specifier
- Carpenter/ceiling installer installs the LED Beam, then the electrician completes the wiring (review full installation instructions for more details)
- 5-year light warranty and full system warranty when Beams are installed with LED Beams (see terms and conditions of warranty for more information)

CORD COLORS

Black (C1)

White (C2)

LIGHTING SPECIFICATIONS

	Item No.◆	Actual Baffle Dimension (D × L × Thickness)	Integrated LED Fixture Length
FELTWORKS® LED Beams – VarAffix® 	**6378RLE06_ _ _ _ _**	8" × 35" × 3"	30"
	6378RLE07_ _ _ _ _	8" × 47" × 3"	42"
	6378RLE08_ _ _ _ _	8" × 71" × 3"	66"
	6378RLE09_ _ _ _ _	8" × 95" 3"	90"
	6378RLE10_ _ _ _ _	8" × 119" × 3"	96"

◆ When specifying or ordering, include the appropriate 2-digit cord color and 3-digit color suffix (e.g. Black: 6370RCE008 C 1 F B R or White: 6370RCE008 C 2 F B R)
Suspension Systems sold separately. See Installation Accessories for specific item numbers.
* Baffles should not be field-cut as the inside of the baffle will be exposed. For other sizes, visit turf.design.

Direct Output
650 lm/ft

Temperature
3500K

CRI
90+ CRI

Voltage/Power
UNV Universal (120-277V)
Dimming 0-10V; Dimming to <1%

Cord & Canopy
Plenum-rated cord in White or Black;
Matching canopy included;
Nominal 10' from fixture

Driver
JA8 compliant 1% dimming;
Standard 0-11; Emergency Circuit

Fixture Finish
Frosted aluminum with flat diffuser

Connection
Adjustable between mounting points

Certifications
UL/CSA Tested; Insulation Rated; cUL

Warranty
5 Year, 50,000 hour warranty, damp location rated

ITEM NUMBER KEY

6378 RLE 06 C1 FBR

- 6378: Item: FeltWorks® Beams LED – VarAffix™
- RLE: Rectangular LED Embedded
- 06: Size: 8" × 35"
- C1: Cord Color: Black
- FBR: Baffle Color: Bedrock

TechLine 877 276-7876
armstrong.com/varaffix

Armstrong® World Industries

FELTWORKS® Beams & LED Beams – VarAffix®

Acoustical Ceiling Baffles with Armstrong Integrated Lighting

SUSTAIN® High Performance Sustainable Ceiling Systems

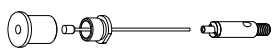
Declare.

RECYCLED CONTENT UP TO 60%

LEED V5

COMMON MATERIALS FRAMEWORK		Climate Health	EPD
Human Health	Declare Label	Ecosystem Health	EPD
	HPD		
	3rd Party CDPH	Circular Economy	✓
OCCUPANT EXPERIENCE		Acoustics	✓

ACCESSORIES

	Item No.◆	Description	Dimensions Nominal W × L × H (inches)	Color	Quantity	
Direct-to-Grid Suspension Systems	**7300BL**	Prelude® XL® 12' ID Main Beam	15/16 × 144 × 1-11/16"	Black	20 pieces/carton	
	7301BL	Prelude XL 12' HD Main Beam	15/16 × 144 × 1-11/16"	Black	20 pieces / carton	
	XL7341BL	Prelude XL 4' Cross Tee	15/16 × 48 × 1-11/16"	Black	60 pieces/carton	
	7891	12-gauge Hanger Wire	N/A	N/A	140 pieces/carton	
	7800	12' Hemmed Angle Molding	7/8 × 144 × 7/8"	Based on Design	30 pieces/carton	
	6701GAC002_ _	FeltWorks Varaffix Grid Clip	N/A	Mill Finish (SS), Black (BL), White (WH)	40 pcs/pail	
Floating Perimeter Trim	**AX_STR_ _ _**	Axiom® Classic Straight Trim	Based on Design	Based on Design	10 LF	
	7239	Adjustable Trim Clip	N/A	Mill Finish	50 pieces/carton	
Independent Suspension	**5450L8CR**	Cable Suspension Kit (2 Connection Points)	N/A	Mill Finish	2 connection points/bag	
	625530	Extended Hanging Cables (30' Aircraft Cable)	N/A	Mill Finish	4 pieces/bag	
	7121	Angled Hanging Adaptor (60° maximum angle) – Extends from the end of Cable Suspension Kit (5450)	N/A	Mill Finish	2 pieces/bag	
Acoustical Infill Panels	**1319**	Backstage Noir®	24 × 48 × 3/4"	Black	12	
	2821 2821BK 2823 2823BK	Calla® Square Lay-in & Tegular	24 × 48 × 1"	Black (BL), White (WH)	6 pieces/carton	
	1319	Backstage Noir® Square Lay-in	24 × 48 × 1"	Black (BL)	6 pieces/carton	
	1714 1824	Fine Fissured™ Lay-In & Tegular	24 × 48 × 1"	White (WH)	8 pieces/carton	
Other Accessories	**BERC2**	2" Beam End Retaining Clip	N/A	N/A	200 pieces/ carton	
	6459BL	Rigid Attachment Clip	5-1/2" × 1-3/4"	Mill Finish	25 pieces/carton	

◆ When specifying or ordering, include the appropriate 2- or 3-digit color suffix (e.g. 6701 B L)

FELTWORKS® Beams & LED Beams – VarAffix®

Acoustical Ceiling Baffles with Armstrong Integrated Lighting

SUSTAIN® High Performance Sustainable Ceiling Systems

Declare.

RECYCLED CONTENT

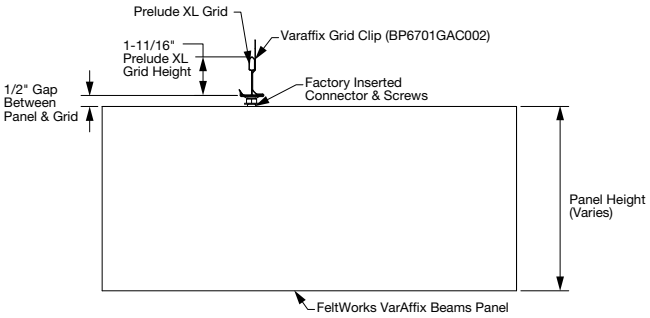
UP TO 60%

LEED V5

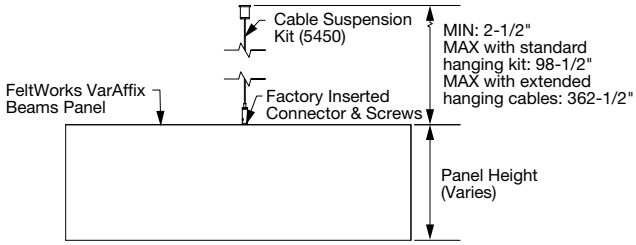
COMMON MATERIALS FRAMEWORK		Climate Health	EPD
Human Health	Declare Label	Ecosystem Health	EPD
	HPD		
	3rd Party CDPH	Circular Economy	✓
OCCUPANT EXPERIENCE		Acoustics	✓

SYSTEM INSTALLATION DETAILS

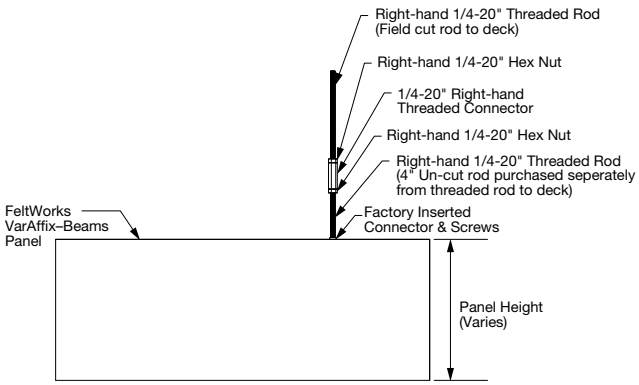
1 Direct to Grid Installed View



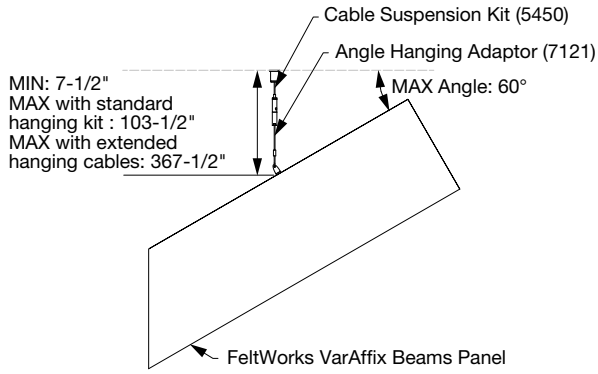
2 Independent Suspension Installation via Aircraft Cable



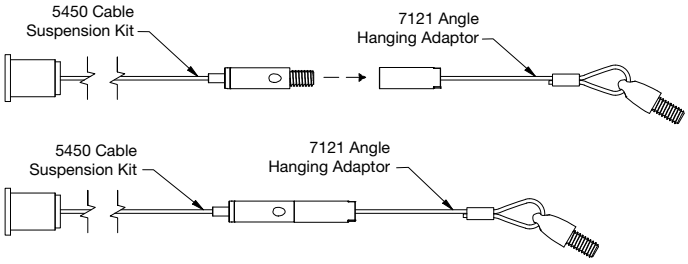
3 Independent Suspension Installation via Threaded Rod



4 Angled Independent Suspension Installation via Aircraft Cable



5 Angled Hanging Adaptor Detail



FELTWORKS® Beams & LED Beams – VarAffix®

Acoustical Ceiling Baffles with Armstrong Integrated Lighting

SUSTAIN® High Performance Sustainable Ceiling Systems

Declare.

RECYCLED CONTENT

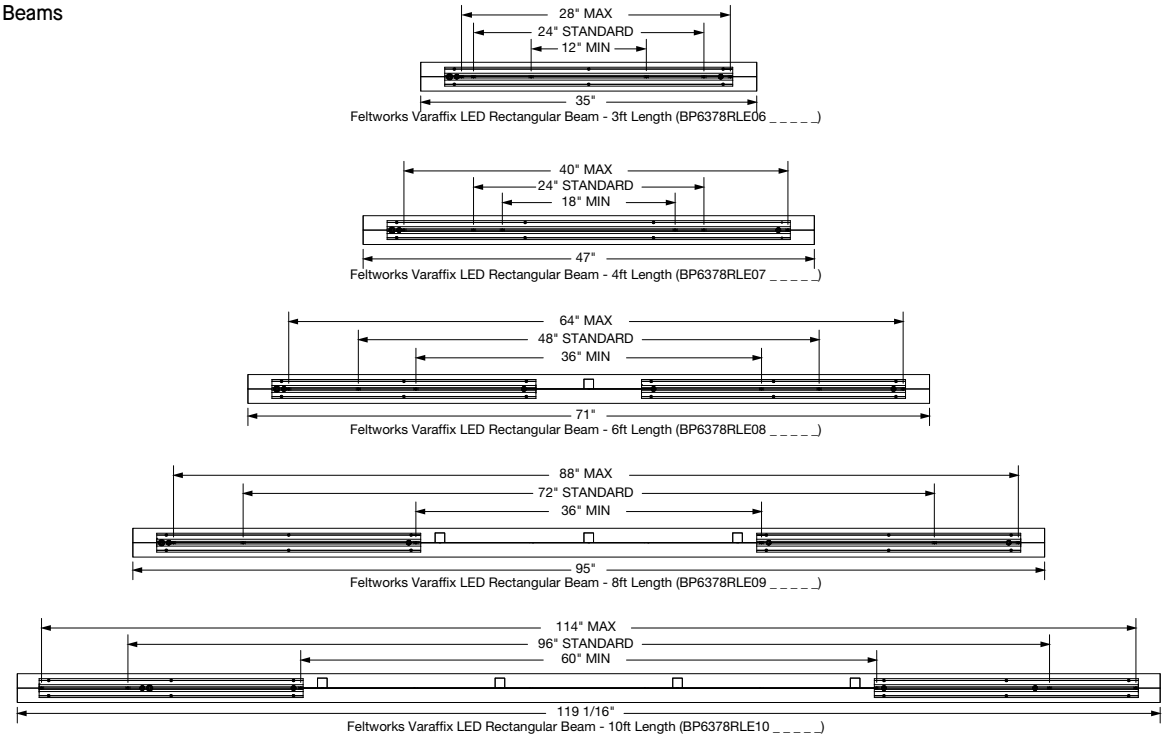
UP TO 60%

LEED V5

COMMON MATERIALS FRAMEWORK			
Human Health	Declare Label	Climate Health	EPD
	HPD	Ecosystem Health	EPD
	3rd Party CDPH	Circular Economy	✓
OCCUPANT EXPERIENCE		Acoustics	✓

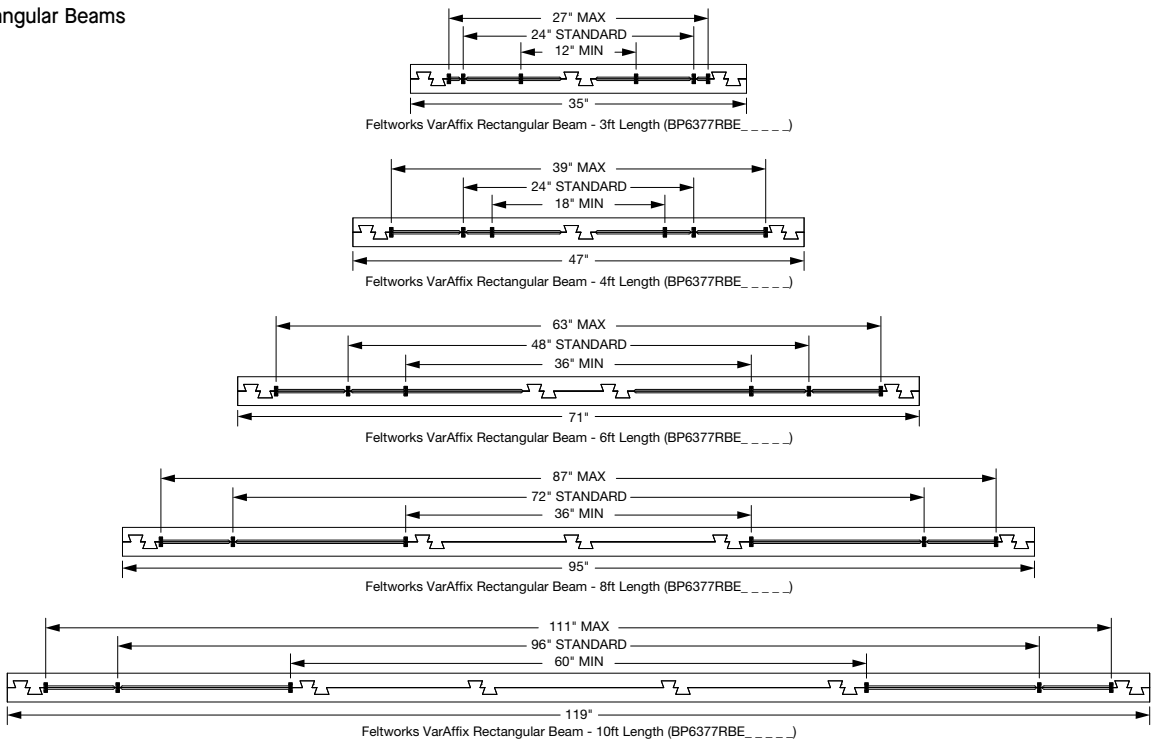
INSTALLATION DETAILS – CONNECTION POINT ATTACHMENT RANGES

LED Beams



SCALE 1 : 8

Rectangular Beams



SCALE 1 : 8

BLADES – Standard

FELTWORKS® Beams & LED Beams – VarAffix®

Acoustical Ceiling Baffles with Armstrong Integrated Lighting

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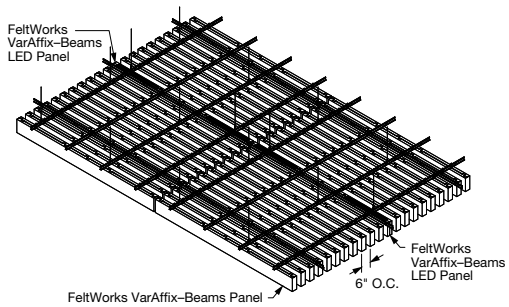
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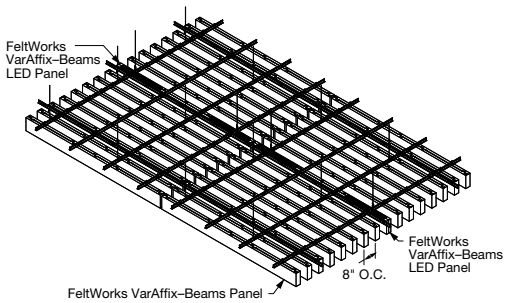
RECYCLED CONTENT
UP TO 60%

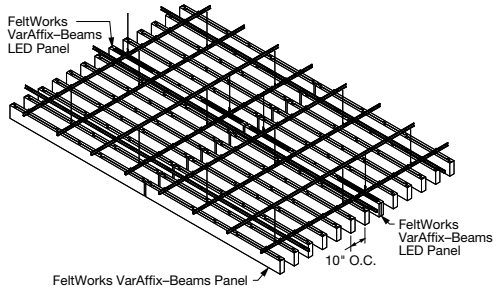
LEED V5

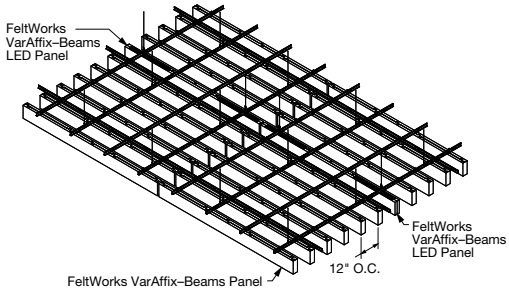
COMMON MATERIALS FRAMEWORK		Climate Health	EPD
Human Health	Declare Label	Ecosystem Health	EPD
	HPD		
	3rd Party CDPH	Circular Economy	✓
OCCUPANT EXPERIENCE		Acoustics	✓

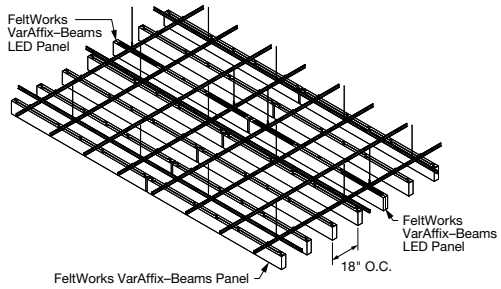
LAYOUT AND SPACING CONSIDERATIONS

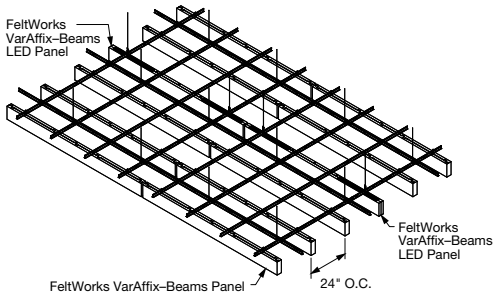












NOTE: For more details, refer to installation instructions at armstrong.com/varaffix
For actual dimensions refer to CAD/Revit® drawings at: armstrong.com/cadrevit

PHYSICAL DATA

Material
3/8"-thick (9mm) non-woven layered and formed polyester felt (PET) fiber baffles with color throughout. Wood looks are printed.

Fire Performance
FeltWorks VarAffix products have been tested according to NFPA 286 and are equivalent to Class A Interior Finish as defined by the International Building Code.

FeltWorks® Beams and LED Beams – VarAffix®, 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. Consult a fire protection engineer, NFPA 13, and local codes for guidance on the proper installation techniques where fire detection or suppression systems are present.

Application Considerations
Baffle color and texture may vary from order to order; adequate attic stock should be ordered. Due to the nature of recycled materials, small dark fibers may be visible on light panels.

FeltWorks Beams and LED Beams – VarAffix baffles are not approved for exterior application.

FeltWorks Beams and LED Beams – VarAffix baffles should not be installed near sources of heat greater than 158° F.

Design Considerations
When installing baffles will have a 1" gap between the ends of each for best visual.

When installed with acoustical infill panels, any panel may sit proud of the grid. This may result in a mousehole and if there is any light source above the ceiling, it may be visible through the hole.

Design & Pre-Construction Service
For complimentary design and pre-construction assistance, contact ProjectWorks® or visit armstrong.com/projectworks

VOC Emissions
Third-party certified compliant with California Department of Public Health CDPH/EHLB/Standard Method Version 1.2, 2017. This standard is the guideline for low emissions in LEED®, WELL Building Standard®, CalGreen Title 24, ANSI/ ASHRAE/USGBC/ IES Standard 189; ANSI/GBI Green Building Assessment Protocol.

Acoustical Performance
Tested per ASTM C423 without infill panels. Spacing of baffles, baffle depth, and acoustical infill panels will impact acoustical performance, see acoustical chart in visual selection. Contact TechLine for a custom reverberation time report at techline@armstrong.com

Installation Considerations
Any fixtures adjacent to FeltWorks Beams and LED Beams – VarAffix baffles must be independently supported. Adjacent baffle ends are spaced 1" apart. LED Beams require additional connection directly to the deck.

Slight natural bowing is inherent in PET materials and may appear after installation.

Seismic Restraint
FeltWorks Beams and LED Beams – VarAffix baffles are approved for all seismic areas when installed per the seismic guidelines in the Armstrong Ceilings installation instructions.

Cleaning and Disinfecting
Cleaning and CDC-approved disinfecting options available on armstrong.com/cleaning

Warranty
Details at armstrong.com/warranty

Weight

Depths
4" = 0.62 lbs per linear foot
8" = 0.92 lbs per linear foot
8" LED = 2.42 lbs per linear foot

Pieces/Carton
Beams: 4 pcs/ctn
LED Beams: 1 pc/ctn

Minimum Order Quantity
1 carton

TechLine / 877 276-7876
armstrong.com/varaffix

BPCS-7588-1026

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