

# PLANE

# PLN-U

## UNLIT - WALL MOUNT (HARDWARE)

DATE	PROJECT	CATALOG #	FIXTURE TYPE
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### OVERVIEW

PLANE is a modular building block. Offered in customizable dimensions and a myriad of surface styles, it can be applied on the wall or ceiling by traditional hardware, snap-on hardware, or adhesive. Flexible for designers and easy for contractors, PLANE is ideal for acoustic intervention in spaces that require a creative solution.

### QUICK FACTS

- Available in any Surface Style
- Custom lengths between 12 - 89 IN and widths between 12 - 41 IN
- 1 IN thick panel provides robust sound absorption
- NRC rating of .95+



## SPECIFICATIONS

SERIES	SURFACE STYLE - TYPE	SURFACE STYLE - DIRECTION	LENGTH <sup>1</sup>	WIDTH <sup>1</sup>	STANDOFF DEPTH <sup>1,4</sup>
PLN-U	SNO NO SURFACE STYLE FFL FINE FLUTE MFL MID FLUTE WFL WIDE FLUTE	NA NOT APPLICABLE SDL PARALLEL TO LENGTH SDW PARALLEL TO WIDTH	12" (300 MM) 24" (600 MM) 35" (900 MM) 47" (1200 MM) 59" (1500 MM) 71" (1800 MM) 83" (2100 MM) CL___ <sup>2</sup>	12" (300 MM) 24" (600 MM) 35" (900 MM) 39" (1000 MM) CW___ <sup>3</sup>	0.5" (12 MM) 1" (25 MM) 2" (50 MM) 3" (75 MM)
FELT COLOR (9 MM)		MOUNTING		FACTORY OPTIONS <sup>6</sup>	
9___ REPLACE "___" WITH DESIRED COLOR CODE FROM SWATCHES		WLH WALL MOUNT - HARDWARE		CT___ CUSTOM THREAD + (COLOR CODE) <sup>5</sup> BABA BABA REQUIRED	

<sup>1</sup> IMPERIAL DIMENSIONS ARE NOMINAL. ACTUAL DIMENSIONS ARE METRIC.  
<sup>2</sup> CUSTOM LENGTHS AVAILABLE BETWEEN 12" - 89" (900 - 2250 MM).  
<sup>3</sup> CUSTOM WIDTHS AVAILABLE BETWEEN 12" - 41" (300 - 1050 MM).

<sup>4</sup> STANDOFF DEPTH MEASURED FROM WALL TO BACK OF FELT.  
<sup>5</sup> REPLACE "\_\_\_" WITH DESIRED COLOR CODE FROM SWATCHES.  
<sup>6</sup> LEAVE BLANK IF NOT APPLICABLE. STRING TOGETHER MULTIPLE SELECTIONS.

EXAMPLE CATALOG #: PLN-U-SNO-NA-47(1200)-24(600)-1(25)-9JD-WLH

# SABIN

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 CUSTOMIZE AT SABIN.BUILD  
 DATE REVISED 09.23.2025



# 1

# COLOR SWATCHES

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## FELT



## THREAD



# SURFACE STYLES

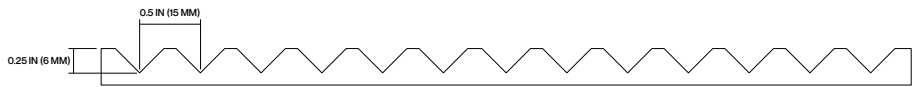
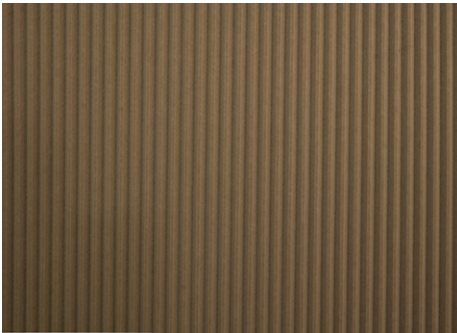
# PLN-U

## 9MM FELT

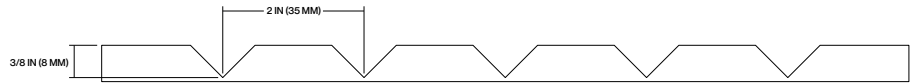
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Our foundational surface styles utilize our 9mm felt and are designed to accommodate distinctly unique design expressions. Contact the factory for custom colors and styles. Each style is available in 16 colors.

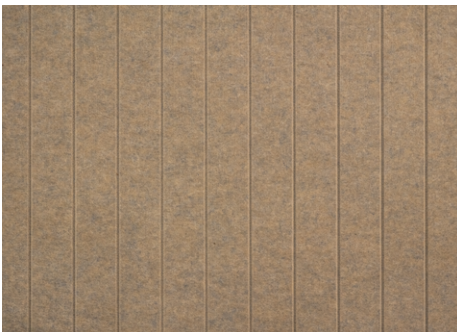
### FINE FLUTE



### MID FLUTE



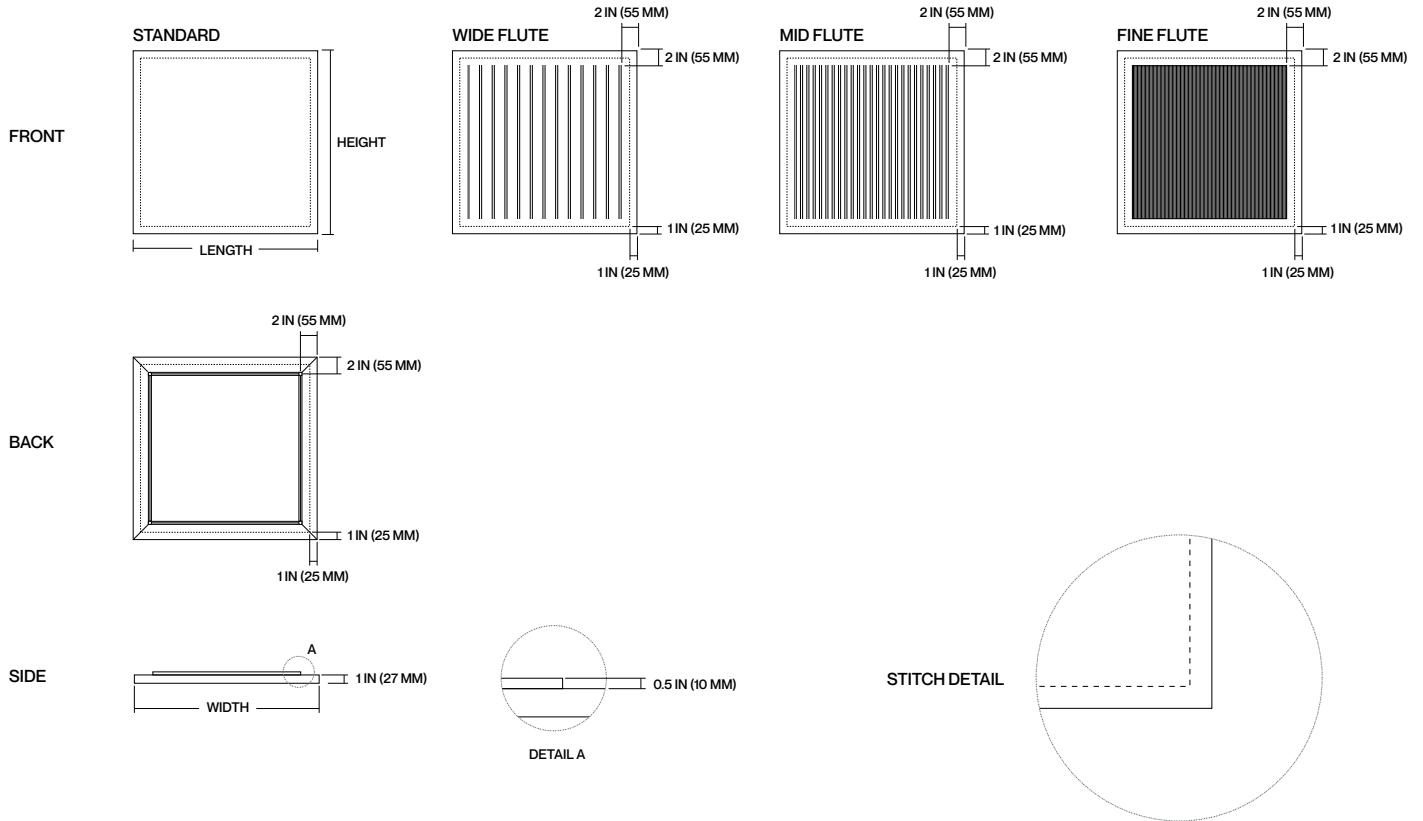
### WIDE FLUTE



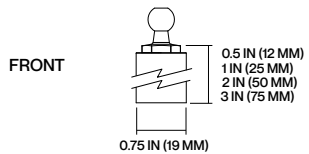
# DIMENSIONS

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## STANDOFF HARDWARE



- 1 IMPERIAL DIMENSIONS ARE NOMINAL. ACTUAL DIMENSIONS ARE METRIC.
- 2 ALL STANDARD DIMENSIONS ARE ECO-CONSCIOUS, MAXIMIZING MATERIAL USE AND MINIMIZING WASTE. CUSTOM DIMENSIONS RESULT IN EXCESS MATERIAL WASTE.
- 3 PLEASE CONSULT THE FACTORY FOR WEIGHTS SPECIFIC TO CONFIGURATION.

# ACOUSTIC PERFORMANCE

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## TECHNICAL DATA

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## PLANE

ALL SABIN PRODUCTS ARE SUBJECT TO ACOUSTIC TESTING. PERFORMANCE VALUES WILL VARY BASED ON INSTALLATION FACTORS SUCH AS DENSITY AND MOUNTING HEIGHT.

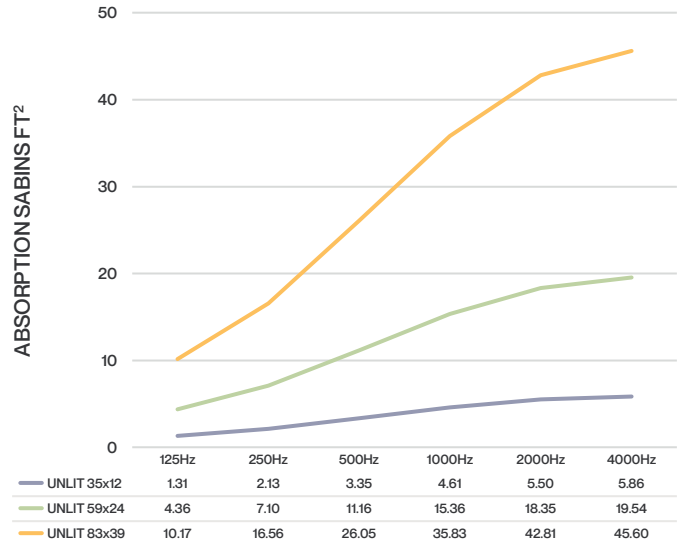
**SABINS** A SABIN IS A UNIT OF SOUND ABSORPTION DEFINED AS THE AMOUNT OF SOUND ABSORBED BY ONE SQUARE FOOT OF A PERFECT ABSORBER. IT WAS INITIALLY CONCEIVED AS THE EQUIVALENT OF 1 SQUARE FOOT OF OPEN WINDOW, REFLECTING NO SOUND BACK INTO THE INTERIOR. SABINS ARE USED TO EXPRESS THE TOTAL EFFECTIVE ABSORPTION FOR THE INTERIOR OF A ROOM. THIS CHART INDICATES AVERAGE SABINS PER UNIT AT THE NOTED FREQUENCIES WHICH REPRESENT THE TYPICAL RANGE OF HUMAN SPEECH OF 200-2500 HZ.

**NRC** NOISE REDUCTION COEFFICIENT (NRC) IS A SINGLE NUMBER VALUE RANGING FROM 0.0 TO 1.0 THAT DESCRIBES THE AVERAGE SOUND ABSORPTION PERFORMANCE OF A MATERIAL. AN NRC OF 0.0 INDICATES THE OBJECT DOES NOT ABSORB MID-FREQUENCY SOUND ENERGY, BUT REFLECTS IT. AN NRC OF 1.0 INDICATES THAT THE SOUND ABSORPTION PERFORMANCE OF THE MATERIAL IS EQUAL TO ITS SURFACE AREA (MEASURED IN UNITS SABIN), OR CONCEPTUALLY 100% SOUND ABSORPTION.

PROJECTED NRC = .95

TOTAL SOUND ABSORPTION WILL VARY BASED ON DESIGNED PRODUCT CONFIGURATION. SABIN TESTS ALL PRODUCTS IN MULTIPLE CONFIGURATIONS. PLEASE CONTACT SABIN OR YOUR LOCAL AGENT FOR MORE INFORMATION.

**PLANE**  
ACOUSTIC PERFORMANCE



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## ACOUSTIC MATERIAL

Our PET (polyester) felt panels contain minimum 60% post-consumer recycled polyester staple fiber. It is moisture resistant, fire rated, recyclable, and an outstanding absorber of acoustic energy.

- Fire retardant: ASTM E84 Class A, EN13501 Class B
- Construction: 100% polyester fiber (PET)
- Material certifications: OEKO-TEX® Standard 100, SCS Recycled Content, and Declare

## CARE

Acoustic PET felt: Remove dust with compressed air, a vacuum or lint roller. Aluminum & polymer components: Remove dust and debris with a clean, dry, lint-free cloth.

## CERTIFICATES/LISTING

This product is ETL listed and tested to meet UL standards for lit configurations. It complies with NEC and ANSI/NFPA 70 requirements, is RoHS compliant, and rated IP20 for use in dry, indoor locations only. 90 CRI configurations also meet Title 24 JA8-2016 requirements. Additionally, this product is GREENGUARD Gold certified and holds Declare, OEKO-TEX® Standard 100, and SCS Recycled Content certifications.

## CONSTRUCTION

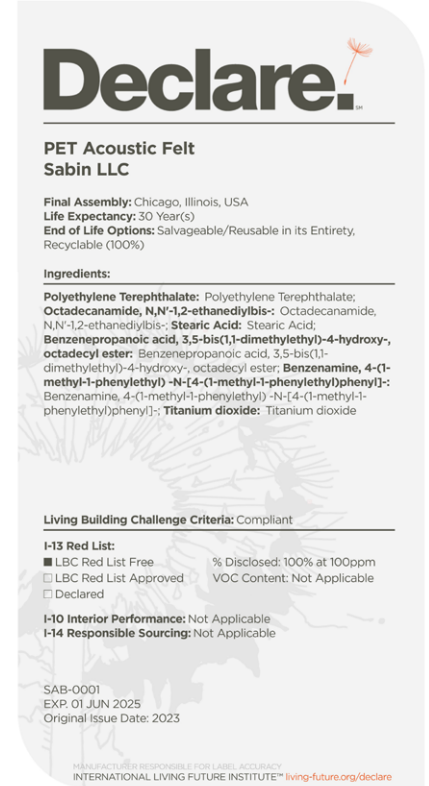
Acoustic luminaire comprised of ≥ 60% recycled PET material utilizing sewn construction to maximize strength, durability, and sound absorbency.

## MOUNTING

Suspended by various methods including 1/16" aircraft cable, straps, grid clips or 3/8" threaded rod (adapters provided, threaded rod by others). Aircraft cable is available in pre-cut lengths of 60" (1524 MM) or custom length from 24" (600 MM) to 120" (3048 MM). For lit units, fabric-covered power cord is provided along with a 5" (127 MM) feed canopy.

## WARRANTY

Fixture rated for operation in conditioned environments up to 77°F (25°C). Fixture is warranted to be free from defects and/or failure under normal use and proper storage for five (5) years from date of shipment.



CONSULT FACTORY FOR SPECIFIC PRODUCT CONFIGURATIONS.