

Ceiling Scape

# Plaid

## Cross the threshold

A criss crossing sound container, taking a classic style to new aesthetic heights. Create an ambient standalone open system, or close the gap with a continuous tile cap. Highly flexible, let our automations help you assess different profiles. No matter the color, Plaid is evergreen.



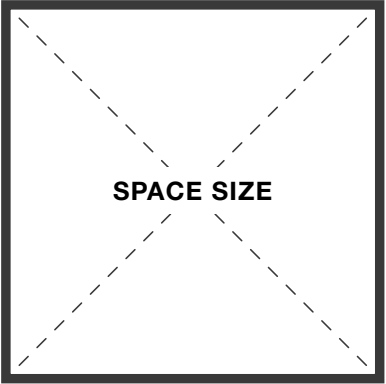
Image by The Right Exposure

# How To Specify

## Key Information

Plaid responds to your environment and a couple of key choices. Consider these questions as you design your scape.

1

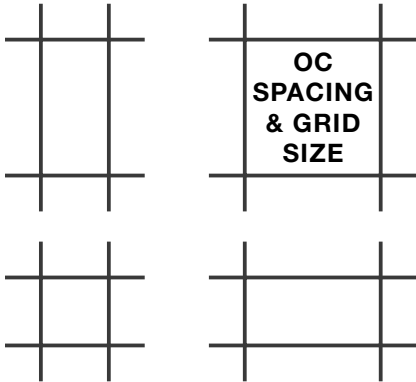


SPACE SIZE

What are the dimensions of your space?

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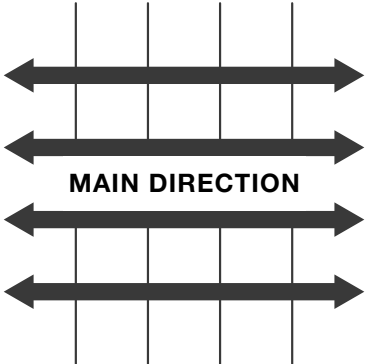


OC  
SPACING  
& GRID  
SIZE

What is the on-center spacing of the grid?  
Are you using 15/16" or 9/16" tee grid?

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3

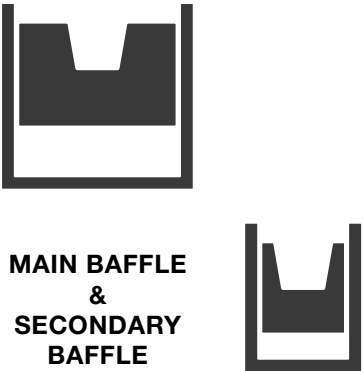


MAIN DIRECTION

Which direction does the main profile run?

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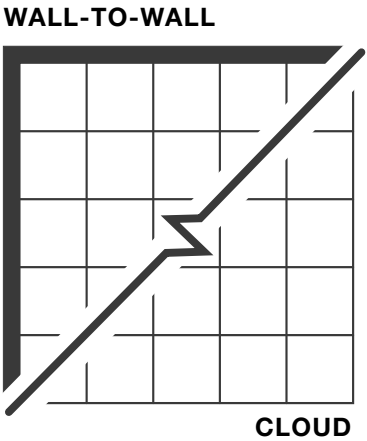


MAIN BAFFLE  
&  
SECONDARY  
BAFFLE

What are the dimensions of the main baffles  
and secondary baffles?

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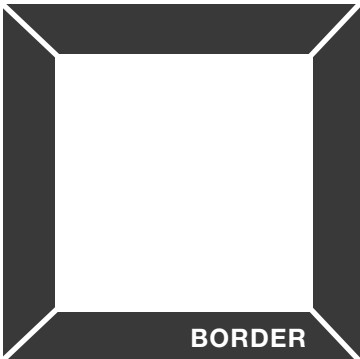
WALL-TO-WALL

CLOUD

Does the grid run wall-to-wall or does it float  
in space?

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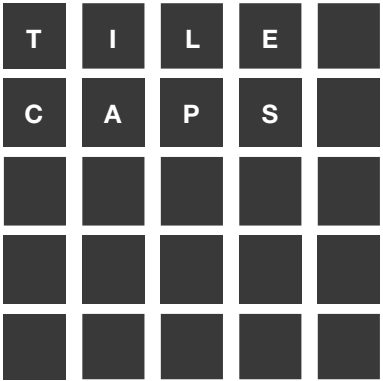


BORDER

Is there a border around the perimeter?

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T I L E  
C A P S

Are there tile caps? If so, what style?

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8



COLOR

What is the color or texture?  
Are the mains and secondaries  
different colors?

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Dimensions

Components	See our Key Components page for detailed dimensions.
Small Range Profile	$P \leq 12''$
Medium Range Profile	$12'' < P \leq 16''$
Large Range Profile	$16'' < P \leq 24''$
	See our Profile Options page for more details.

Connection

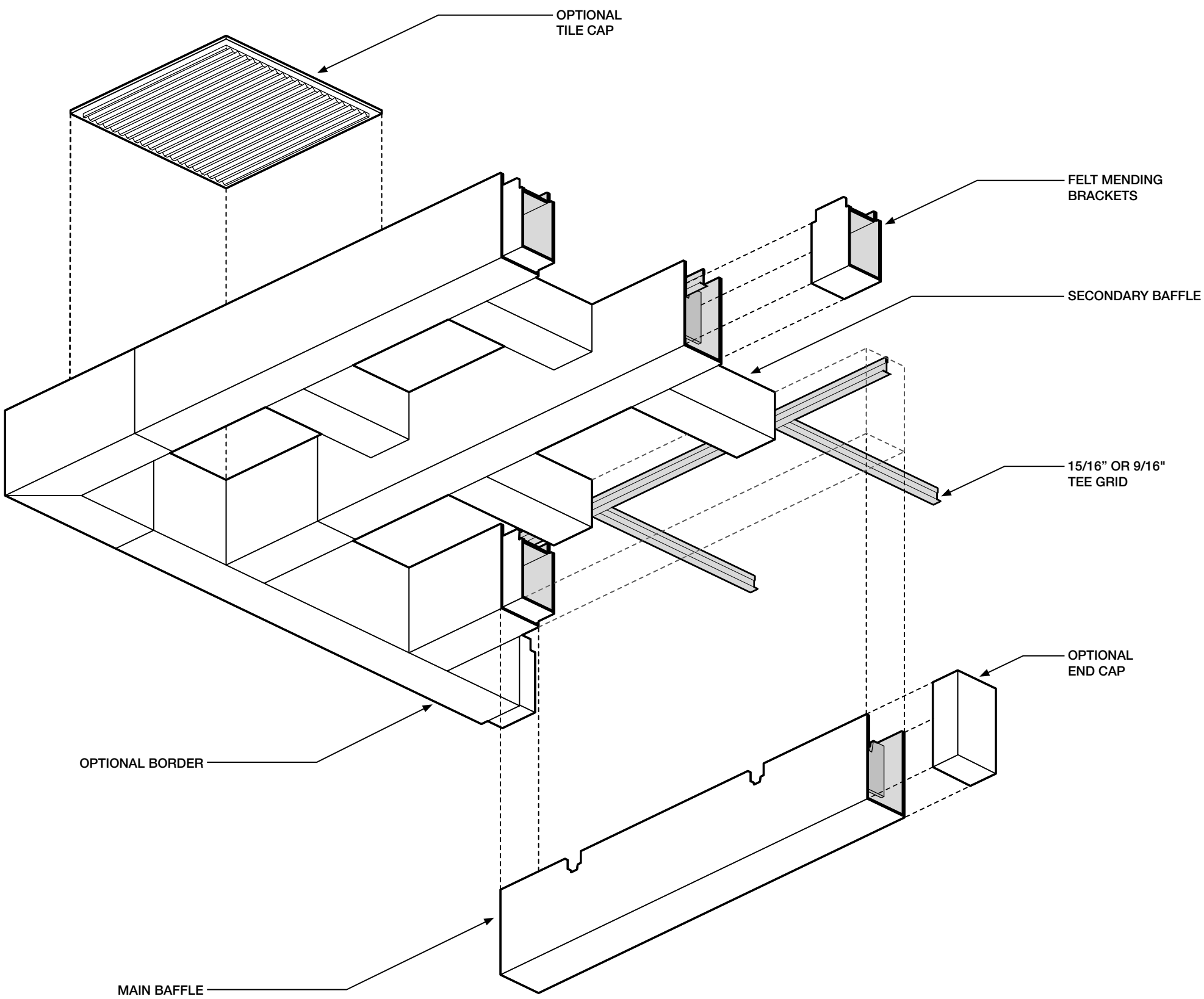
15/16" or 9/16" Tee Grid	Gridlock
	See our Typical Layout Options page for more details.

Color

9mm Palette	Any of our 9mm felt colors and textures can be used for Plaid.
Color Match	Don't see a color you like? Turf can match just about any color using our UV printing process.

Samples

Size	Please note, samples for Plaid will ship 1/4" scale.
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ALL DIMENSIONS NOMINAL UNLESS NOTED OTHERWISE



# Typical Layout Options

**Open Edge**

Layouts without a border use an end cap to create a finished look.

**Border**

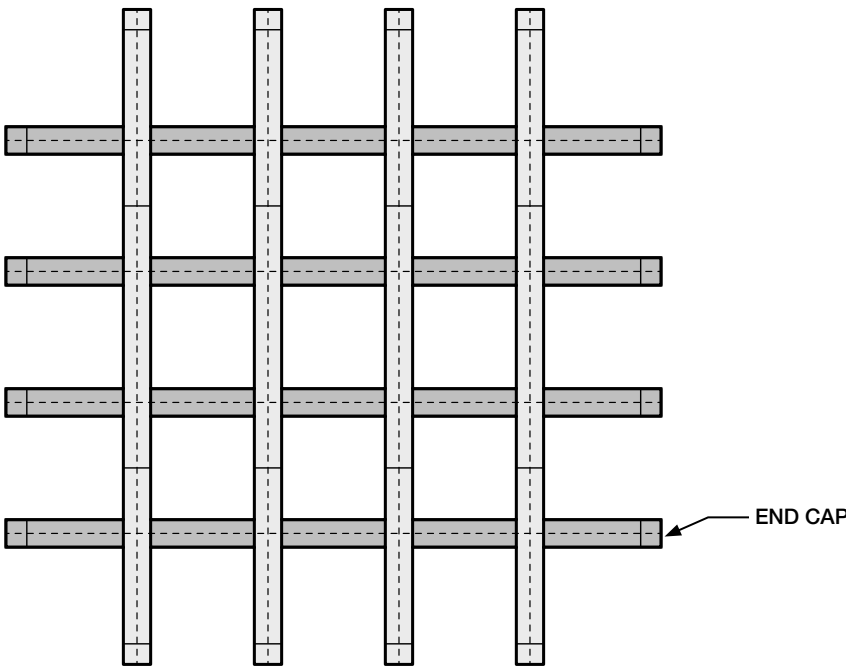
Define the boundaries of your space with a border that matches the dimensions of your main baffle profile.

**On Center Grid Spacing**

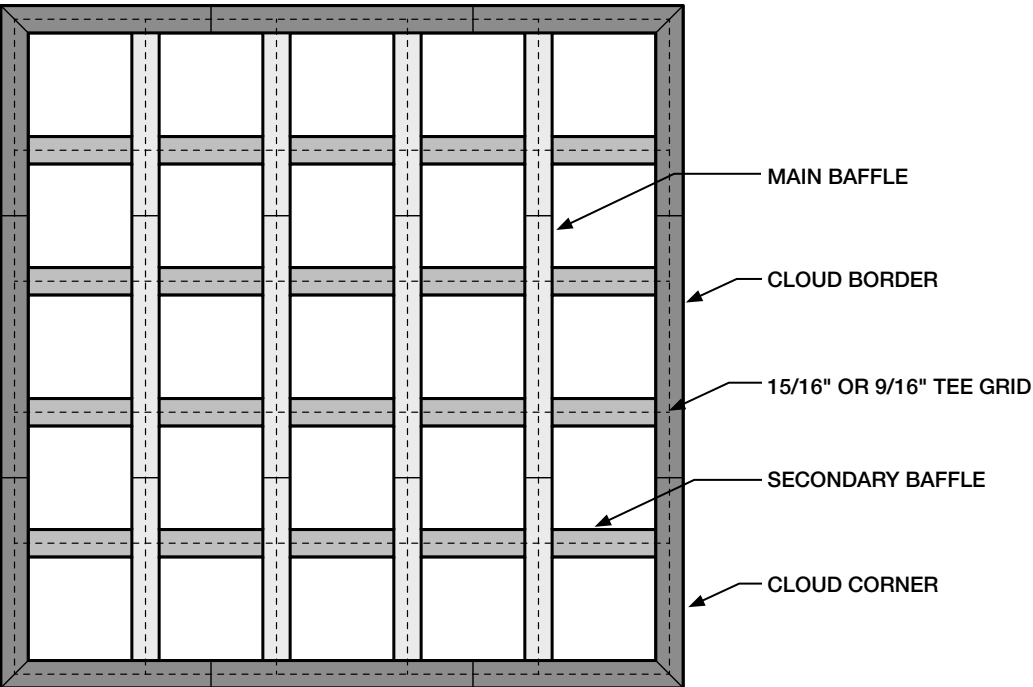
A standard 15/16" or 9/16" tee grid is required — it can be laid out in any one of the following configurations.

24"W x 24"L  
48"W x 24"L  
24"W x 48"L  
48"W x 48"L

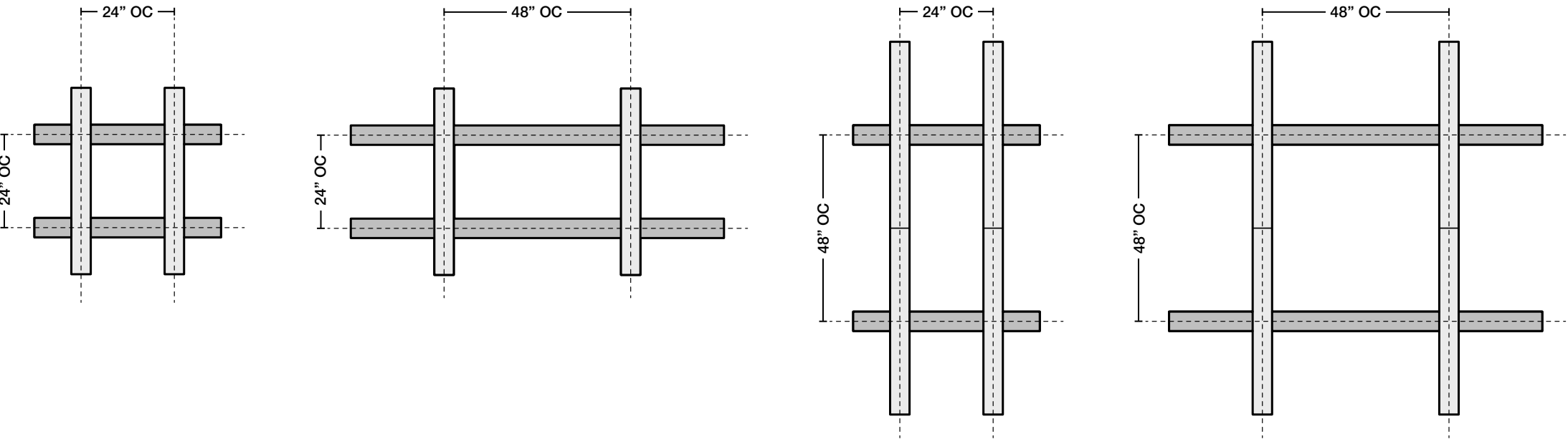
OPEN EDGE



BORDER



OC SPACING OPTIONS



Profile Options

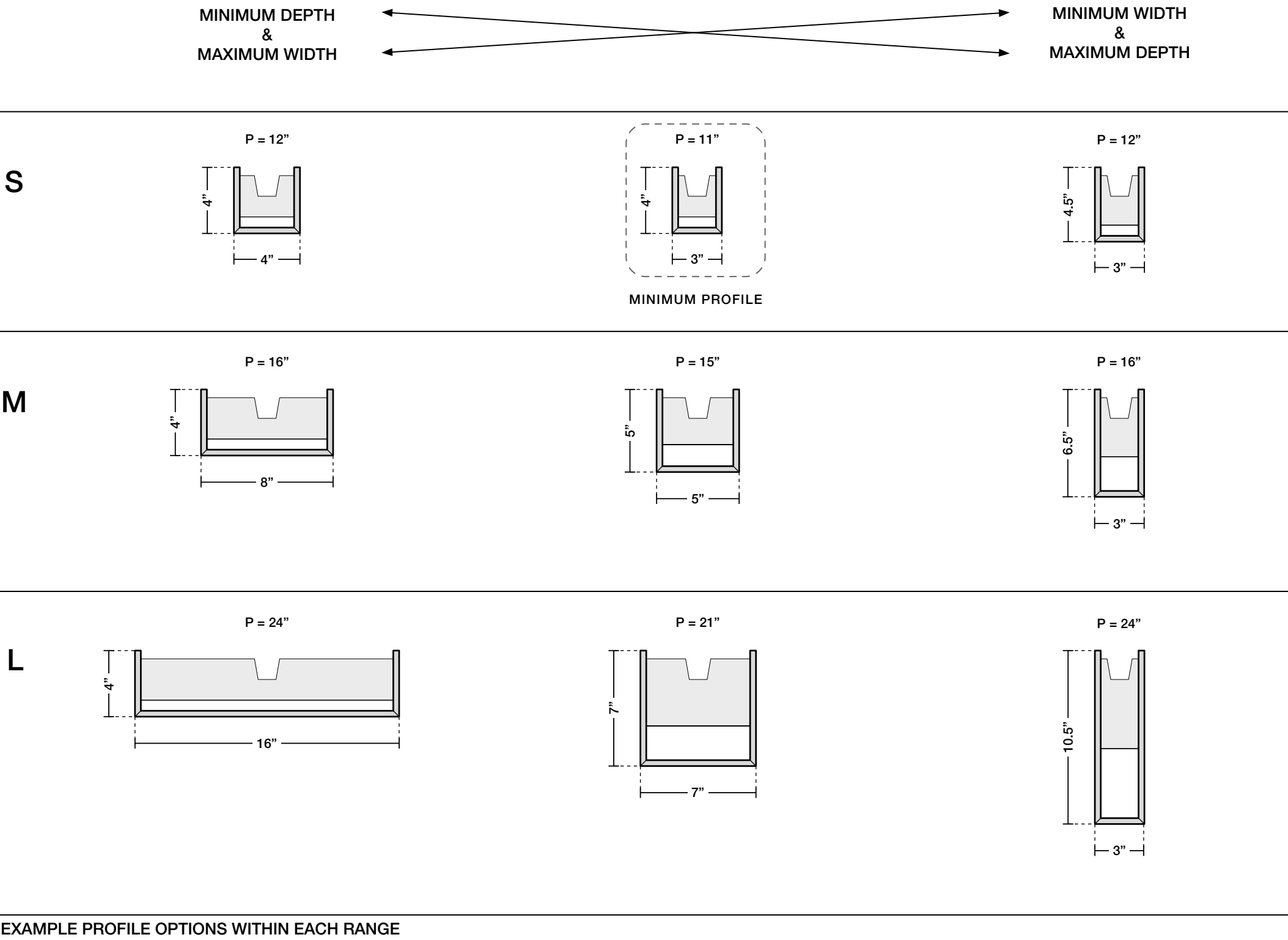
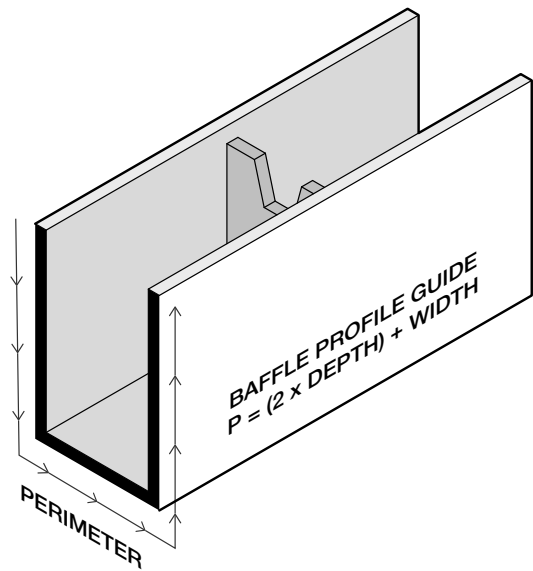
Profile Perimeter

Plaid is designed with a range of profile sizes that optimize the use of materials.

Based on the perimeter of the desired section, there are three size tier options.

P = Baffle Perimeter  
P = (2 x Depth) + Width

- Minimum Profile3"W x 4"D
- Small Range ProfileP ≤ 12"
- Medium Range Profile12" < P ≤ 16"
- Large Range Profile16" < P ≤ 24"



ALL DIMENSIONS NOMINAL UNLESS NOTED OTHERWISE



Optional Tile Caps

Optional Cap

An optional cap adds a coffered look to Plaid.

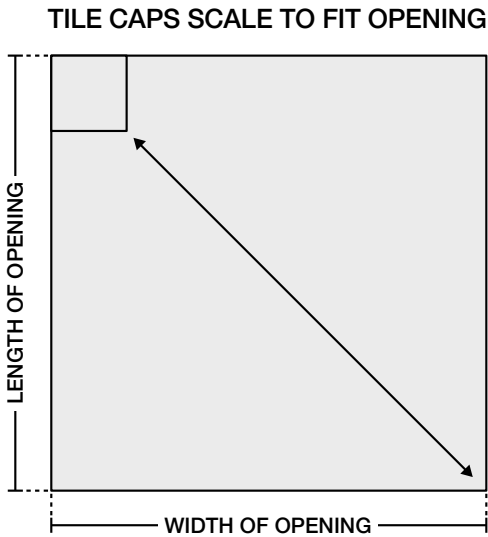
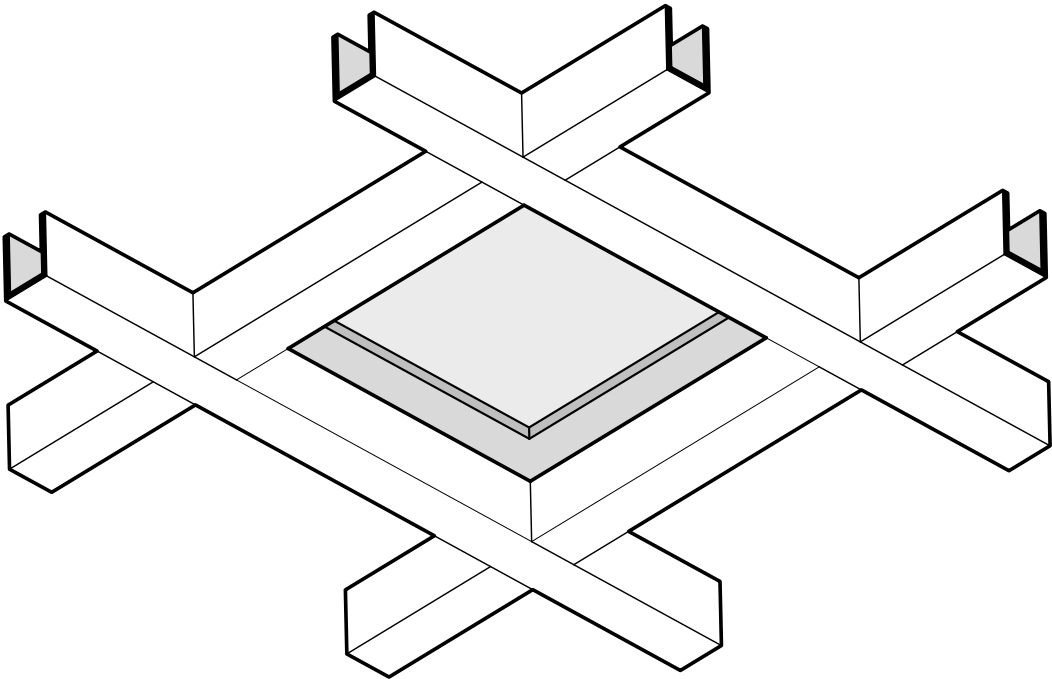
Enclosed Edge

Please note, tile caps can only be installed in areas of Plaid that are enclosed on all four sides by baffles.

Variety

Our four standard cap options are listed below.

Looking for a custom cap?  
Reach out to our team and we'll create something made just for you!



**FLAT FILL**

9mm thickness  
Available in all 9mm colors + textures

**SQUARE**

PRIMARY COLOR  
SECONDARY COLOR

18mm thickness  
Available in all 9mm colors + two-tone

**MAZE**

18mm thickness  
Available in all 9mm colors

**TUBULAR**

18mm thickness  
Available in all 9mm colors

**CUSTOM**

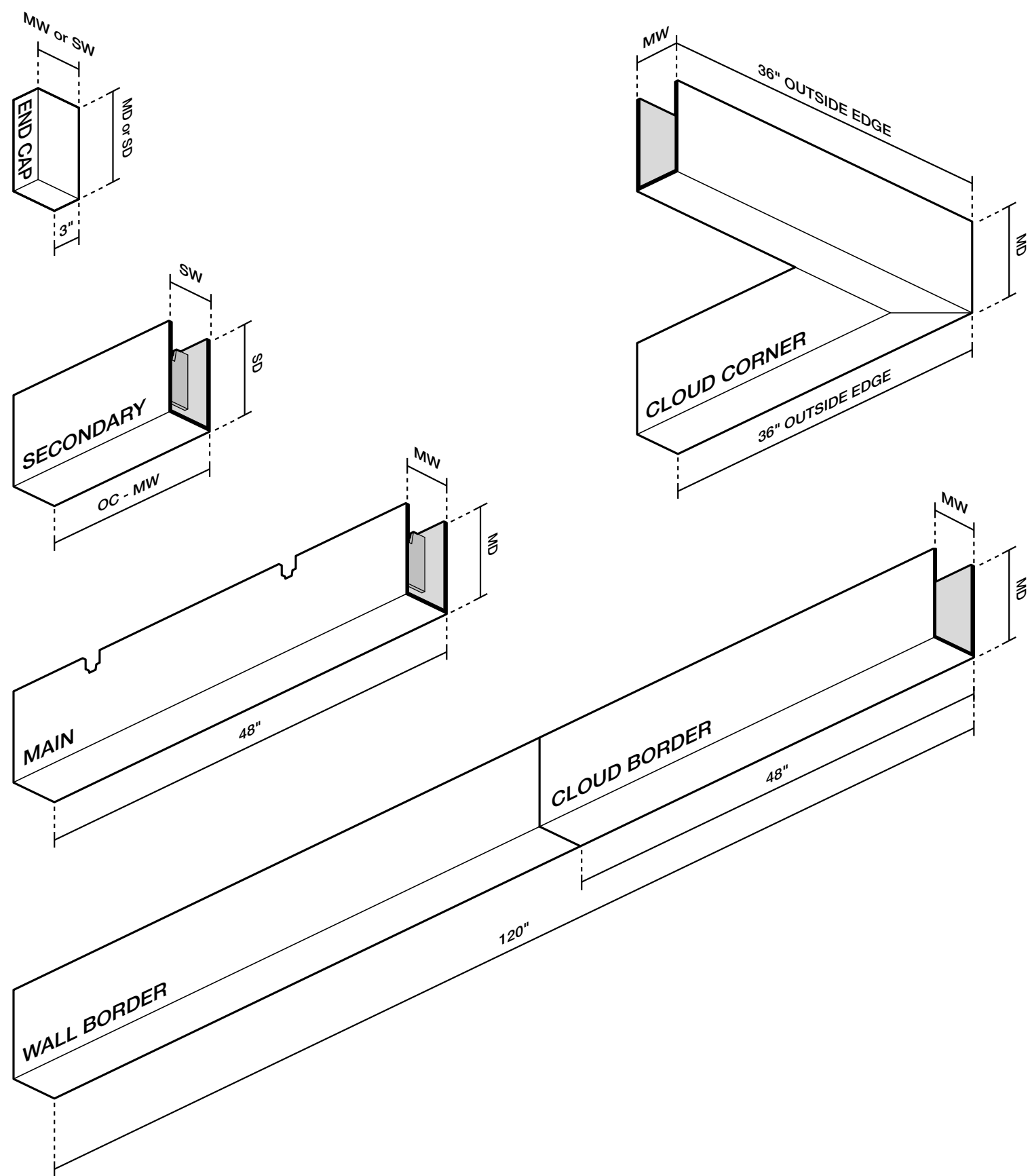
SECONDARY COLOR  
PRIMARY COLOR

18mm thickness  
Available in all 9mm colors + two-tone



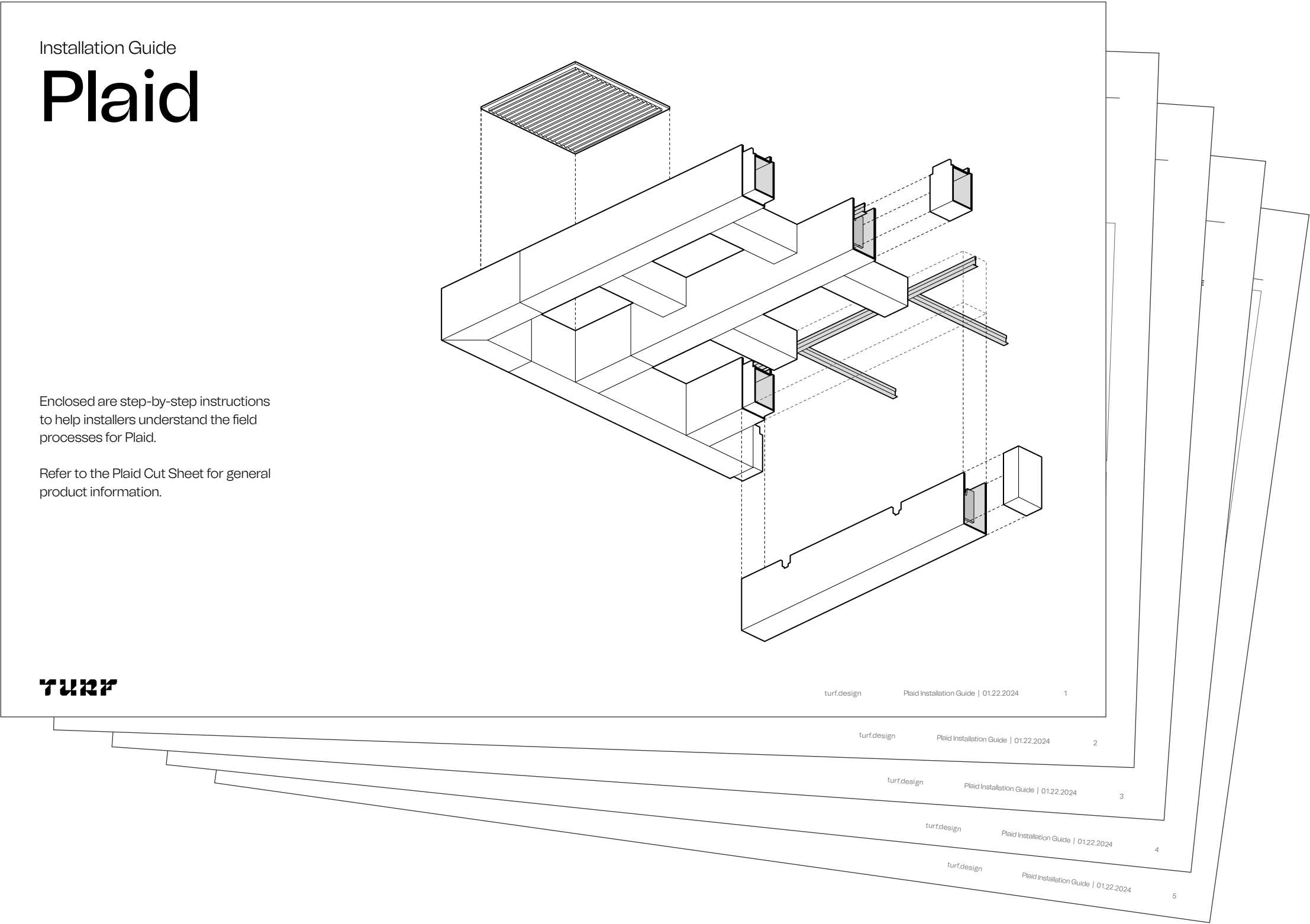
# Key Components

Main Baffle	<div>48"L x MW x MD</div> <div>Main baffles are the primary component of all Plaid layouts and will run perpendicular to Secondary baffles.</div>
Secondary Baffle	<div><math>(OC - MW) \times SW \times SD</math></div> <div>Secondary baffles run perpendicular to Main baffles.</div>
Cloud Corner	<div>36"L x MW x MD</div> <div>For Plaid layouts that float in space, cloud corners can work together with an optional border.</div> <div>Cloud Corners will always be mitered.</div>
Cloud Border	<div>48"L x MW x MD</div> <div>An optional border can be added for layouts that float in space.</div>
Wall Border	<div>120"L x MW x MD</div> <div>An optional border can be added for wall-to-wall layouts.</div>
End Cap	<div>3"L x MW or SW x MD or SD</div> <div>An optional end cap that creates a clean finish can be added to an Open Edge layout.</div>



Installation Guide

Download	Download the Plaid Installation Guide on the Turf website for complete installation instructions .
Topics Covered in Guide	Plaid connections
	Tile cap installation
	Cloud corner baffle assembly instructions
	Cloud with border installation
	Cloud with open edge installation
	Wall-to-wall with border installation
	Wall-to-wall with open edge installation
	Adding additional connections to baffles
	How to install fixtures between baffles



Tech

Acoustics	ASTM E795: E400 Mounting
Fire Rating	ASTM E-84 – Class A
VOC	ASTM D5116 Compliant

Details

Lead Time	Check the Turf website for current lead times.
Warranty	Five (5) years
Maintenance	Vacuum to remove any particulate matter and air-borne debris or dust. Compressed air can be used to dust the material in difficult to reach areas for large assemblies. Contact us for more information relative to spot cleaning.
Weight	Turf products cannot support the weight of any other items in field.

Acoustic Rating

		Plaid NRC		
Baffle Type	(W x D)	OC Spacing	No Tile Caps	Tile Caps
Primary	3" x 10.5"	24" x 24"	0.85	0.95
Secondary	16" x 4"			
Primary	3" x 10.5"	24" x 48"	0.85	0.90
Secondary	16" x 4"			
Primary	3" x 10.5"	48" x 24"	0.70	0.80
Secondary	16" x 4"			
Primary	3" x 10.5"	48" x 48"	0.60	0.80
Secondary	16" x 4"			

The table displaces information for a 8' x 8' apparatus using 15/16" tee grid at various OC spacing. The profiles used for each test include the deepest iteration possible as the Primary and the widest iteration possible as the Secondary.

Certifications



Image by Imperfet\*

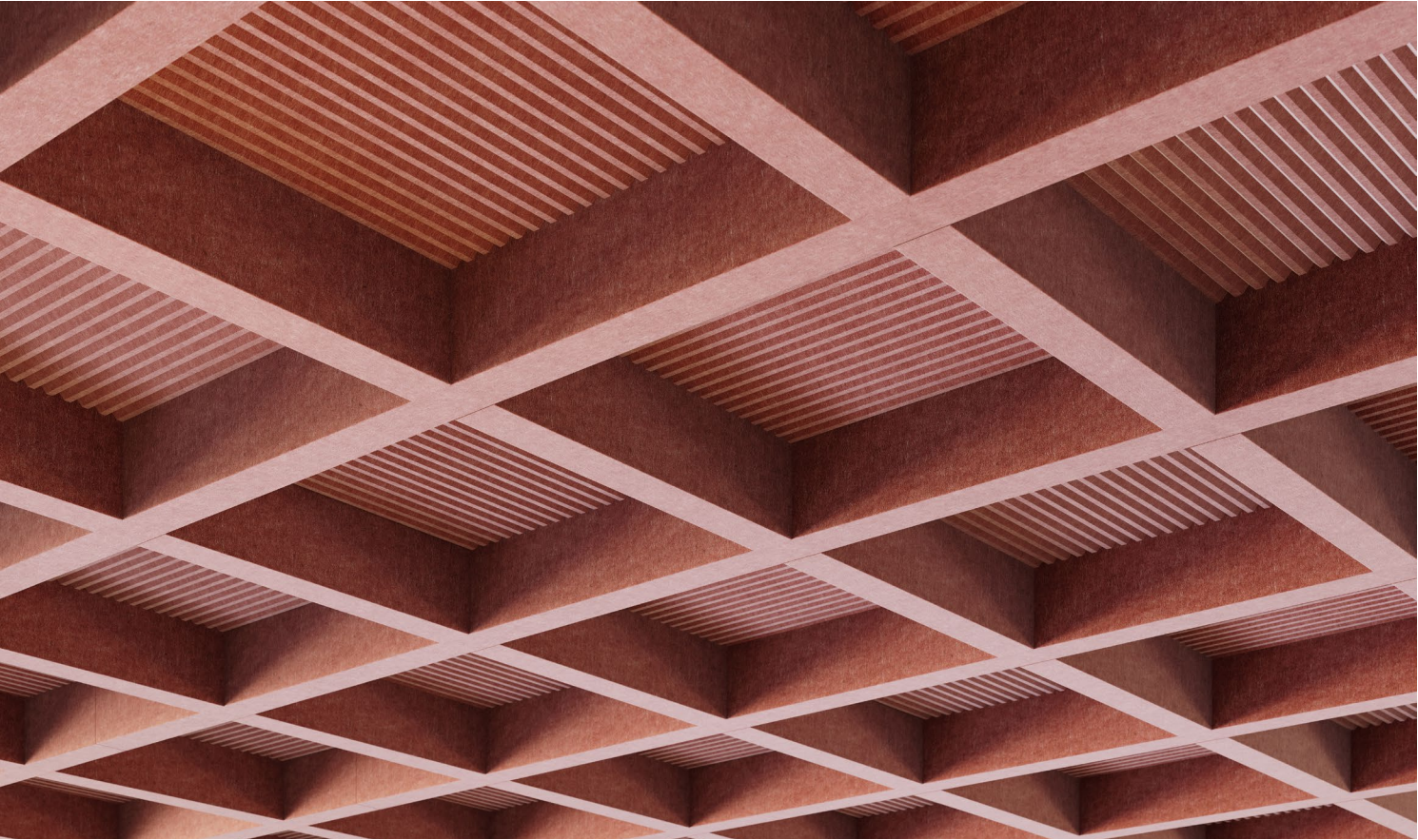


Image by The Right Exposure



9mm Colors

Introducing Hues, our new 9mm color palette designed for the senses.

The 9mm PET felt board is used as our primary construction material. Select one of our coordinating neutrals to blend in, or go for a contrasting element with one of our hues.

The process used to create PET felt often results in a heathered effect where multiple tones are present. Slight variations in color should be expected when using this sustainable material.

**Felt Thickness**  
9mm +/-0.5 mm

Monitors and printers vary.  
Please request a material sample to verify felt colors.



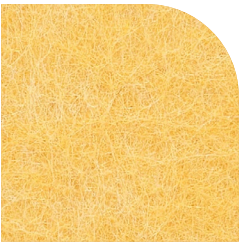
10 TOPO GREEN



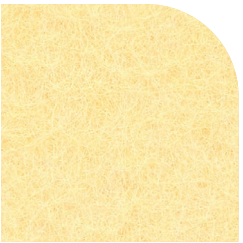
12 GRASSHOPPER



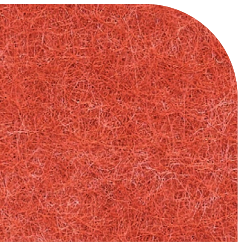
11 CELADON



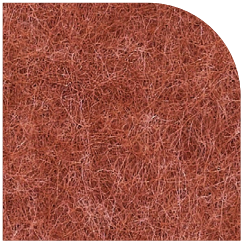
63 SAFFLOWER



64 PLANTAIN



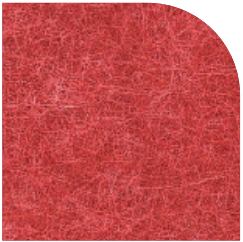
43 ORANGE CRUSH



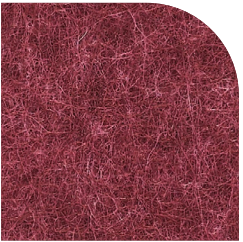
18 ULTISOL



17 BLUSH



23 RED



15 MERLOT



50 IVORY



33 LUMINARY



83 HOLLAND OATS



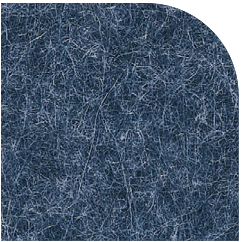
82 BARLEY



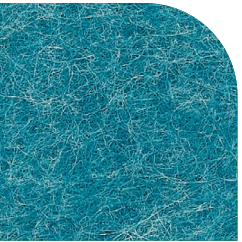
34 TONAL TAUPE



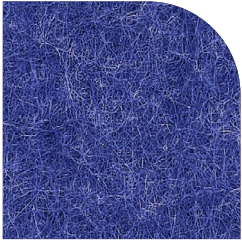
35 BARK



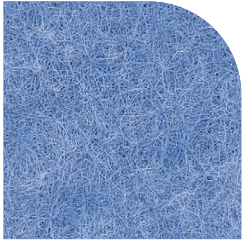
28 INDIGO



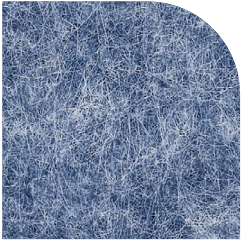
30 CYAN



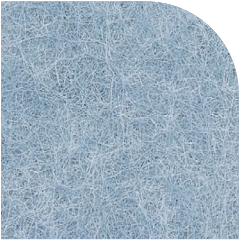
24 ROYAL BLUE



31 AZURE



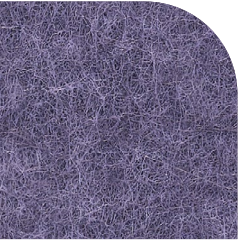
27 JEAN JACKET



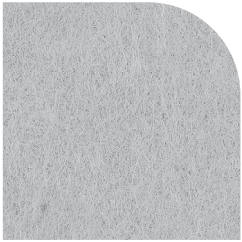
26 FADED DENIM



40 MAGENTA



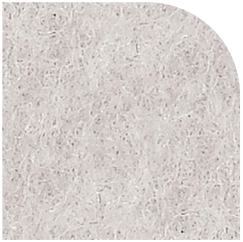
41 DRIED LAVENDER



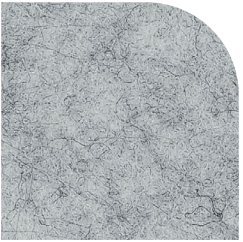
66 PEWTER



05 WHITE



01 CREAM



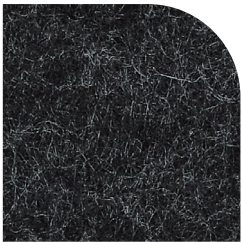
04 LIGHT GREY



98 STORM



09 DAMASCUS



06 CHARCOAL



07 BLACK



# 9mm Textures

Invite nature into your space with our wood-inspired textures. Digital printing on felt ensures a unique and realistic grain with virtually no repeats.

There is an additional product cost for Wood Textures.

Please note there is additional lead time for custom matching. Texture and customization will incur additional costs beyond our standard 9mm options.

**Felt Thickness**  
9mm +/-0.5 mm

**Monitors and printers vary.**  
Please request a material sample to verify felt colors.



D01 WHITE ASH



D02 SILVER TEAK



D03 CLEAR MAPLE



D04 WASHED ASH



D05 MEDIUM OAK



D06 PLANKED OAK



D07 DARK WALNUT



D08 BLACK PEAR