TECHZONE™
Ceiling Systems

Armstrong®

Channel
your thinking

The TechZone™ Ceiling Systems provide a monolithic, uncluttered ceiling visual using standard components and organize the look of the space. A six-inch wide technical "zone" organizes services, including lighting, diffusers and sprinklers in a system that's pre-qualified for fit and finish. It's affordable, hassle-free, reliable and easy to specify and install compared to other alternatives. Take control with TechZone:

■ Large-size Optima® and Ultima® ceiling panels create the field
■ 6" wide technical panels in Optima, Ultima or Metal house services and form the "tech zone"
■ Linear recessed light fixtures, recessed downlights and pendants, air diffusers and sprinklers align precisely in the "tech zone" for a clean linear visual

Applications

OPTIMA
Open areas such as libraries/media centers, open plan offices, upscale retail settings and airports.

ULTIMA
Private offices and conference rooms.

TECHZONE System Benefits:
■ Monolithic, uncluttered ceiling visual
■ Standard ceiling and grid components; offers a custom look
■ Your choice of layout configurations
■ Lighting, diffusers and sprinkler heads are all housed in the 6" technical "zone"
■ Since services are in the "zone," maintenance hassles and potential panel damage is lessened
■ Earn up to three LEED® credits with Hi-LR Optima and Ultima field panels and pendant fixtures
■ Used in combination with indirect lighting, 90% light reflectant ceilings like Ultima provide substantial benefits, even over 75% light reflectant ceilings, as follows:
  • Decreased lighting power density by over 23%
  • Initial cost savings (fewer fixtures) or increased light levels by over 22%

48" x 48" Optima Tegular field panels and Optima Tegular technical panels on Interlude suspension system. Zumtobel pendant light fixtures. Carnes air diffusers.

Front cover: Optima 48" x 48" Tegular field panel and Optima Lay-in technical panels on Suprafine suspension system. Lithonia recessed light fixtures. Carnes air diffusers.

TechZone Partners

Armstrong has teamed with industry leaders in lighting, air diffusers and fire protection to create TechZone fixtures that are pre-qualified for fit and finish. Look for the Armstrong TechZone Compatible sign of assurance on partner specification sheets.

LIGHTING

LIGHTOLIER®

LITHONIA LIGHTING®

neoray™

ZUMTOBEL

Corelite™

RSA LIGHTING.

DIFFUSER

CARNES®

Titus
The Leader in Air Management

FIRE PROTECTION

FLEXHEAD
INDUSTRIES

Easy to specify

TechZone™ Ceiling Systems are easy to specify and install. Simply follow these steps when designing and specifying your TechZone application.

1. Select your ceiling module (4' or 5').
2. Determine the on-center spacing for the linear technical zones.
3. Choose the desired size and edge detail for the field ceiling panels.
4. Select a TechZone compatible suspension system.
5. Select technical panel material and edge detail.

Building Module

TechZone On-Center Spacing
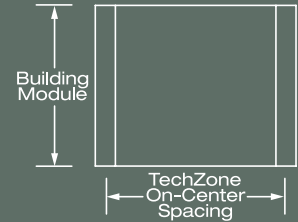
Field Panel Options
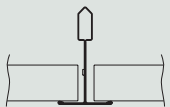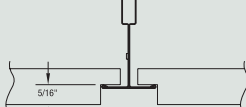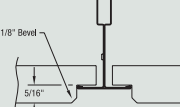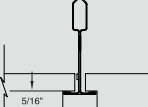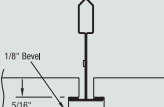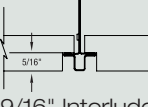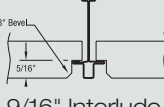
TechZone field panels can be either Optima® or Ultima®. They are available in a wide variety of sizes to accommodate 4' and 5' building modules and TechZone on-center spacing from 4' to 10'-6".

Select your ceiling module	Select your TechZone on-center spacing	Select your field panel material and size			
		Optima			Ultima
4'	4'-0"	21"x24"*	24"x42"*	42"x48"*	
4'	4'-6"	24"x24"	24"x48"	48"x48"	24"x24" 24"x48"
4'	6'-6"	24"x24"	24"x72"		24"x24"
4'	7'-6"	42"x48"			
4'	8'-6"	24"x24"	48"x48" 24"x96"		24"x24"
5'	5'-0"	27"x30"*	30"x54"*	20"x54"*	
5'	5'-6"	30"x30"*	20"x60" 30"x60"		30"x30"*
5'	8'-0"	30"x30"*			30"x30"*
5'	10'-6"	20"x60"			

*Panels install on 9/16" grid only for all 4'-0" and 5'-0" on-center spacing of technical zone and all 30" x 30" field panels.

Select your field panel edge detail and suspension system

(All field panels not available in all edge detail options. See layouts, pg. 6-14 or selection chart pg. 15.)

Square lay-in Optima or Ultima	Square tegular Optima	Beveled tegular Ultima
15/16" Prelude®	15/16" Prelude	15/16" Prelude
	9/16" Suprafine®	9/16" Suprafine
	9/16" Interlude®	9/16" Interlude

Suspension system colors have been coordinated with field panels, technical panels and partner fixtures.

Select your technical panel and its edge detail

Technical panels are available in Optima, Ultima and Metal with Lay-In or Tegular edge detail. All technical panels are 6" wide and they are available in 48" and 60" lengths. Technical panel edge detail options are as follows:

- Optima - Square Tegular or Lay-In edge detail
- Ultima - Beveled Tegular or Lay-In edge detail
- Metal - Square Tegular or Lay-In edge detail

Examples of edge detail options are shown below.

Remember, lighting and diffuser partner products are available with Lay-In and Tegular edge details as well.

You can specify different field panel edge detail and technical panel edge detail:

- Lay-In field panels with Lay-In technical panels
- Tegular field panels with Tegular technical panels
- Tegular field panels with Lay-In technical panels
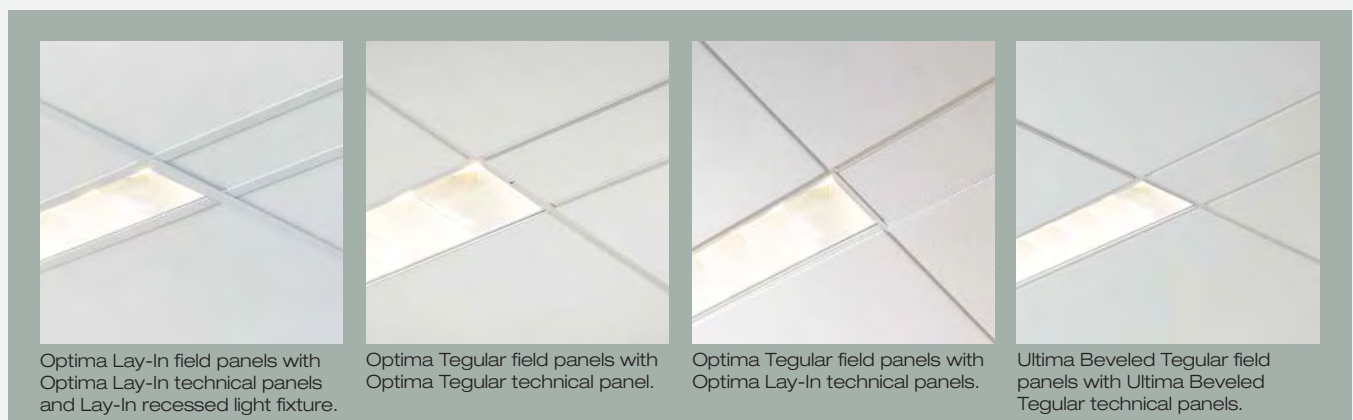
Optima Lay-In field panels with Optima Lay-In technical panels and Lay-In recessed light fixture.

Optima Tegular field panels with Optima Tegular technical panel.

Optima Tegular field panels with Optima Lay-In technical panels.

Ultima Beveled Tegular field panels with Ultima Beveled Tegular technical panels.

Optima 48" x 48" Tegular field panels and
Optima Lay-In technical panels on
Suprafine suspension system. Lithonia
recessed light fixtures. Carnes air diffusers.

Layout configurations

TechZone™ Ceiling Systems offer many configuration options to meet just about any design and functional need. TechZone is engineered for 4' and 5' building modules. Technical zone on-center spacing can be as narrow as 4' and as wide as 10'-6".

4' on-center technical zone

21" x 24" FIELD PANELS
9/16" Grid   Optima Sq. Tegular   Item #3279
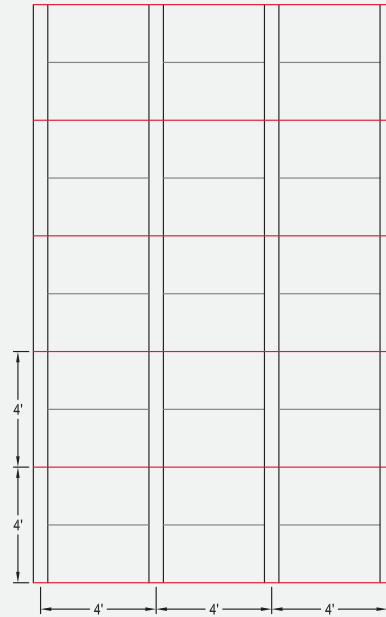
24" x 42" FIELD PANELS
9/16" Grid   Optima Sq. Tegular   Item #3280

42" x 48" FIELD PANELS
9/16" Grid   Optima Sq. Tegular   Item #3287
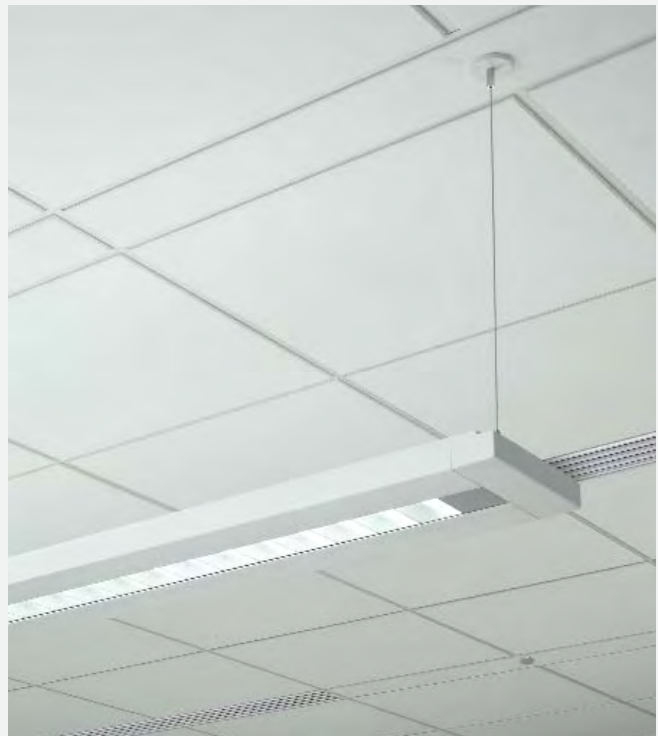
24" x 24" Ultima Tegular field panels and Ultima Tegular technical panels on Suprafine suspension system. Corelite pendant light fixture. Carnes air diffusers.

24" x 24" FIELD PANELS

15/16" Grid	Optima Sq. Lay-in	Item #3152
15/16" Grid	Optima Sq. Tegular	Item #3250
15/16" Grid	Ultima Sq. Lay-in	Item #1910
9/16" Grid	Optima Sq. Tegular	Item #3251
9/16" Grid	Ultima Bev. Tegular	Item #1912

24" x 48" FIELD PANELS

15/16" Grid	Optima Sq. Lay-in	Item #3153
15/16" Grid	Optima Sq. Tegular	Item #3252
15/16" Grid	Ultima Sq. Lay-in	Item #1913
15/16" Grid	Ultima Bev. Tegular	Item #1914
9/16" Grid	Optima Sq. Tegular	Item #3257
9/16" Grid	Ultima Bev. Tegular	Item #1915

48" x 48" FIELD PANELS

15/16" Grid	Optima Sq. Lay-in	Item #3160
15/16" Grid	Optima Sq. Tegular	Item #3255
9/16" Grid	Optima Sq. Tegular	Item #3256

Optima 48" x 48" Tegular field panel and Optima Lay-In technical panels on Suprafine suspension system. Lithonia recessed light fixtures. Carnes air diffusers.

All suspension system and technical panel options are standard items. For specific item numbers, refer to TechZone Technical Guide (CS-3725).

[4' BUILDING MODULES]

6'-6" on-center technical zone

24" x 24" FIELD PANELS

15/16" Grid	Optima Sq. Lay-in	Item #3152
15/16" Grid	Optima Sq. Tegular	Item #3250
15/16" Grid	Ultima Sq. Lay-in	Item #1910
15/16" Grid	Ultima Bev. Tegular	Item #1911
9/16" Grid	Optima Sq. Tegular	Item #3251
9/16" Grid	Ultima Bev. Tegular	Item #1912

24" x 72" FIELD PANELS

15/16" Grid	Optima Sq. Lay-in	Item #3161
15/16" Grid	Optima Sq. Tegular	Item #3281
9/16" Grid	Optima Sq. Tegular	Item #3251
9/16" Grid	Optima Sq. Tegular	Item #3261

7'-6" on-center technical zone

42" x 48" FIELD PANELS

9/16" Grid	Optima Sq. Tegular	Item #3287

[4' BUILDING MODULES]

8'-6" on-center technical zone
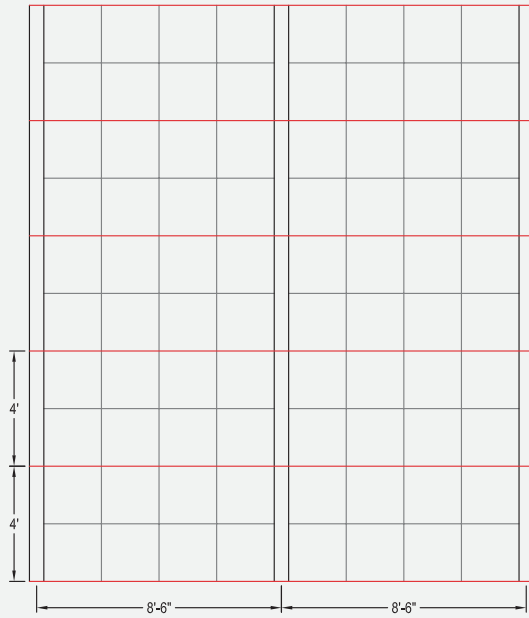
24" x 24" FIELD PANELS

15/16" Grid	Optima Sq. Lay-in	Item #3152
15/16" Grid	Optima Sq. Tegular	Item #3250
15/16" Grid	Ultima Sq. Lay-in	Item #1910
15/16" Grid	Ultima Bev. Tegular	Item #1911
9/16" Grid	Optima Sq. Tegular	Item #3251
9/16" Grid	Ultima Bev. Tegular	Item #1912

24" x 96" FIELD PANELS

15/16" Grid	Optima Sq. Lay-in	Item #3162
15/16" Grid	Optima Sq. Tegular	Item #3282
9/16" Grid	Optima Sq. Tegular	Item #3262

48" x 48" FIELD PANELS

15/16" Grid	Optima Sq. Lay-in	Item #3160
15/16" Grid	Optima Sq. Tegular	Item #3255
9/16" Grid	Optima Sq. Tegular	Item #3256

All suspension system and technical panel options are standard items. For specific item numbers, refer to TechZone Technical Guide (CS-3725).

Optima 30" x 30" Tegular field panels and Metal Tegular
technical panels on Suprafine suspension system.
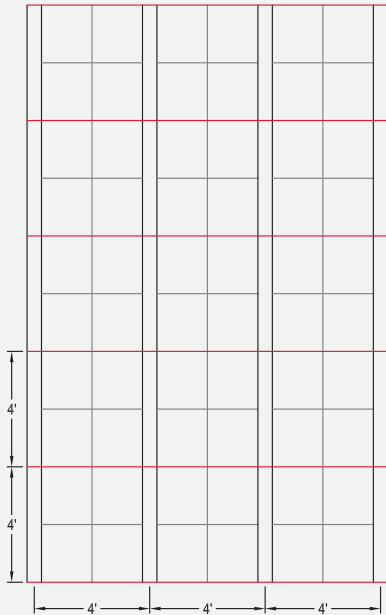Neo-Ray recessed light fixtures. Carnes air diffusers.

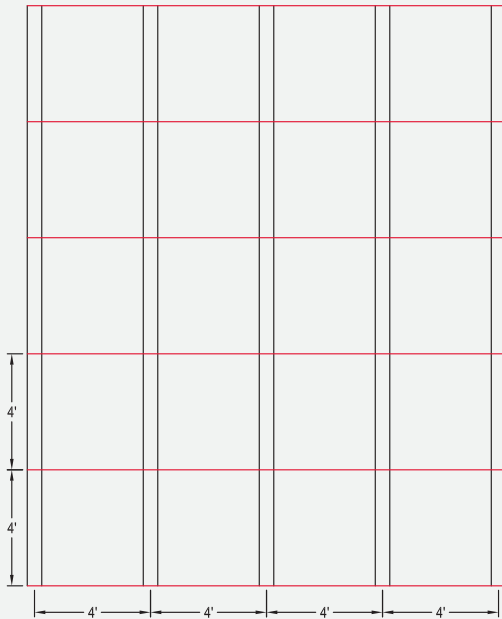## 5' on-center technical zone
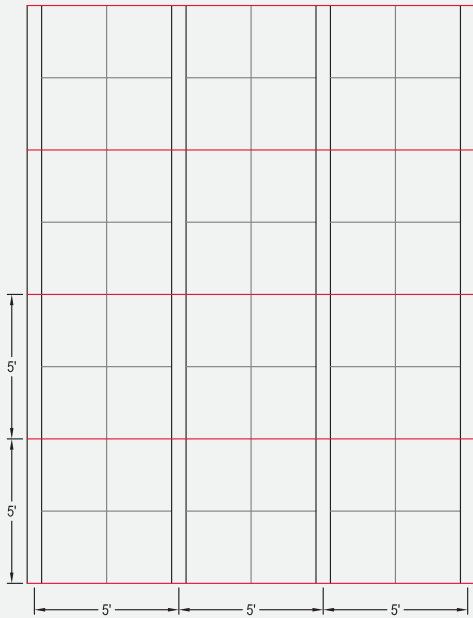
27" x 30" FIELD PANELS
9/16" Grid   Optima Sq. Tegular   Item #3283
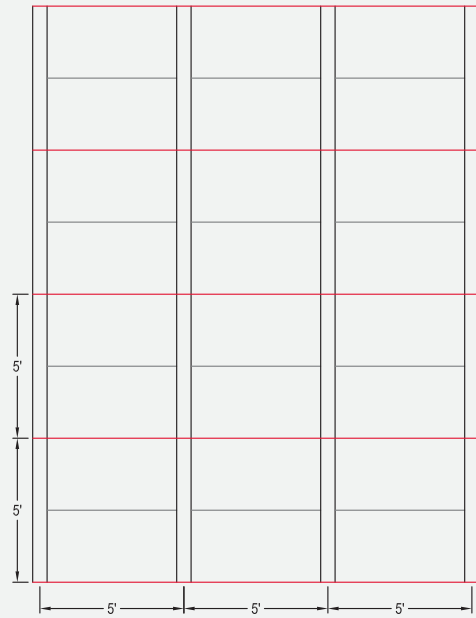
30" x 54" FIELD PANELS
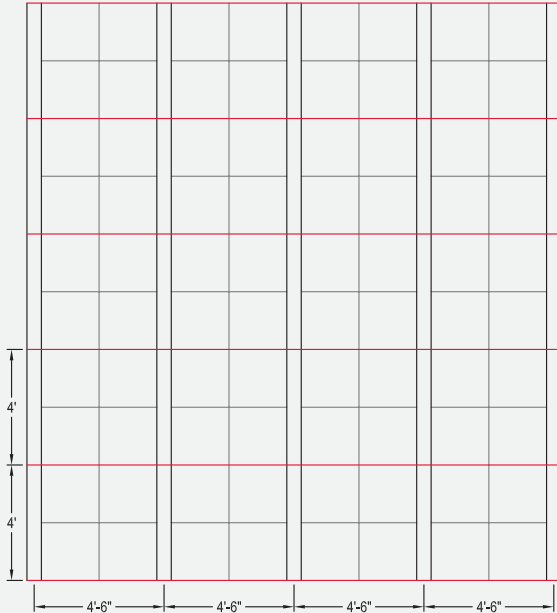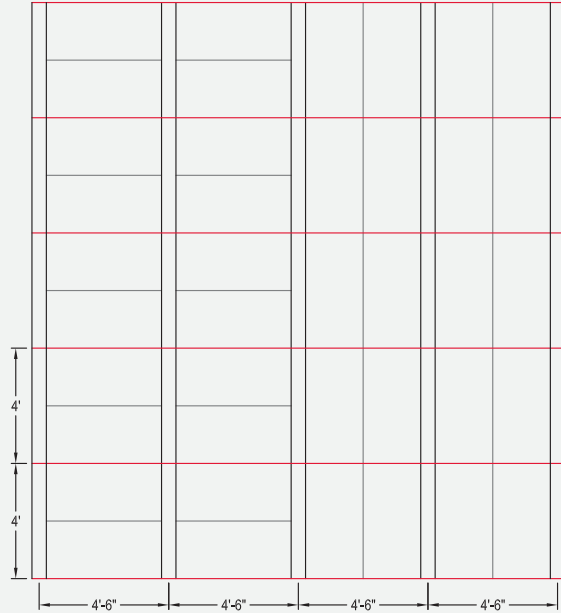9/16" Grid   Optima Sq. Tegular   Item #3284
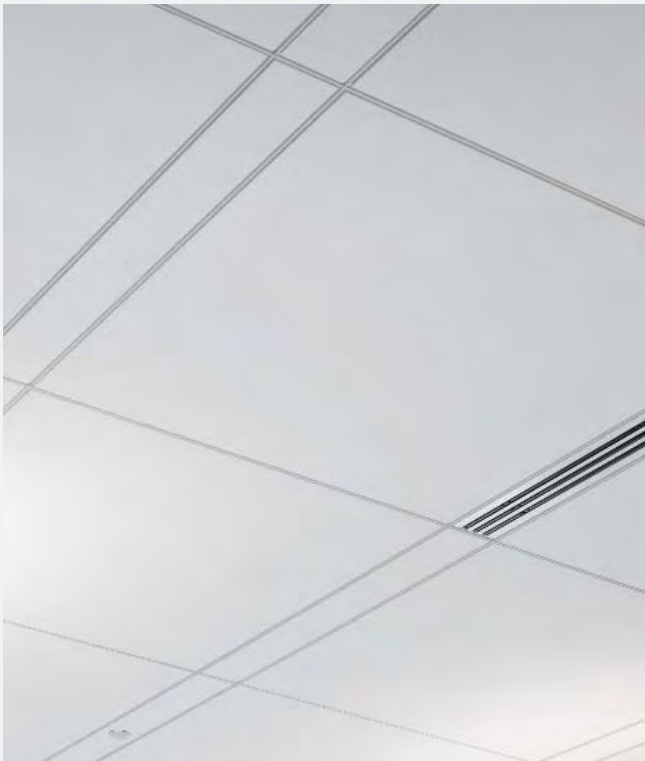
Optima 48" x 48" Tegular field panels and Optima Tegular technical panels on Interlude suspension system. Carnes air diffusers.

20" x 54" FIELD PANELS
9/16" Grid   Optima Sq. Tegular   Item #3276
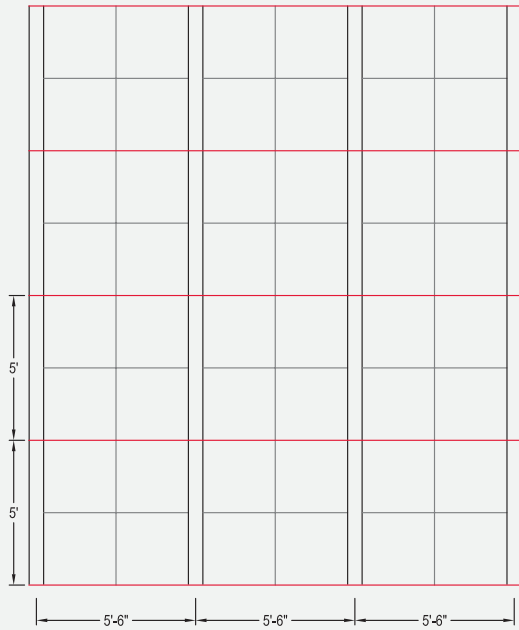
All suspension system and technical panel options are standard items. For specific item numbers, refer to TechZone Technical Guide (CS-3725).

30" x 30" FIELD PANELS

15/16" Grid	Optima Sq. Lay-in	Item #3158
15/16" Grid	Optima Sq. Tegular	Item #3258
9/16" Grid	Optima Sq. Tegular	Item #3259
9/16" Grid	Ultima Bev. Tegular	Item #1905
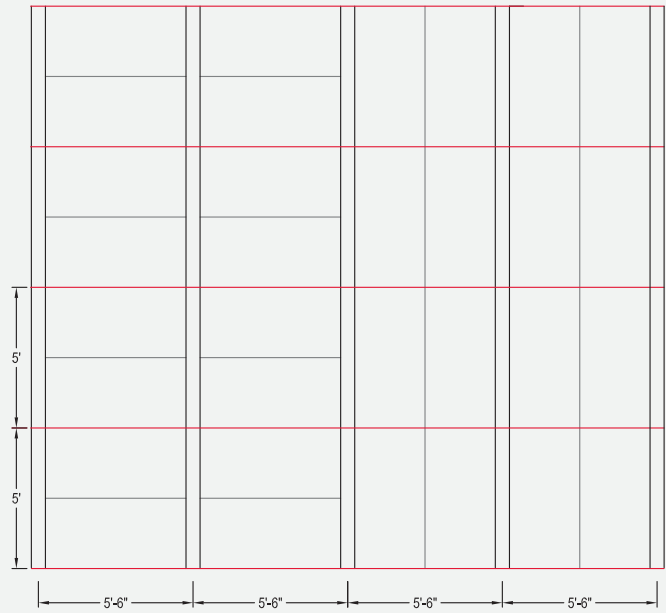
30" x 60" FIELD PANELS

15/16" Grid	Optima Sq. Lay-in	Item #3157
15/16" Grid	Optima Sq. Tegular	Item #3286
9/16" Grid	Optima Sq. Tegular	Item #3285
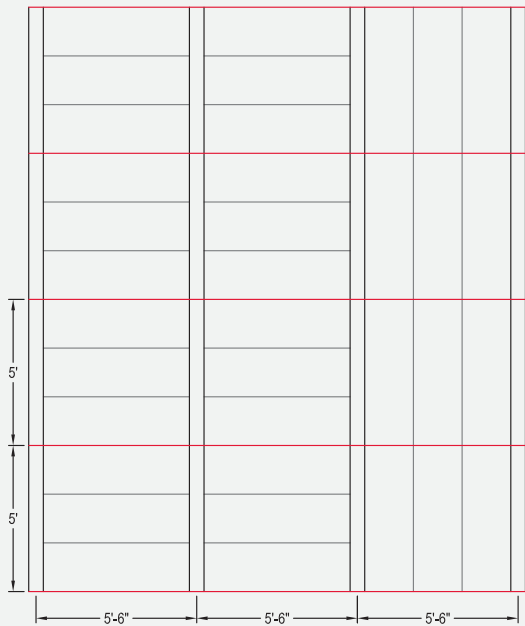
20" x 60" FIELD PANELS

15/16" Grid	Optima Sq. Lay-in	Item #3156
15/16" Grid	Optima Sq. Tegular	Item #3278
9/16" Grid	Optima Sq. Tegular	Item #3277
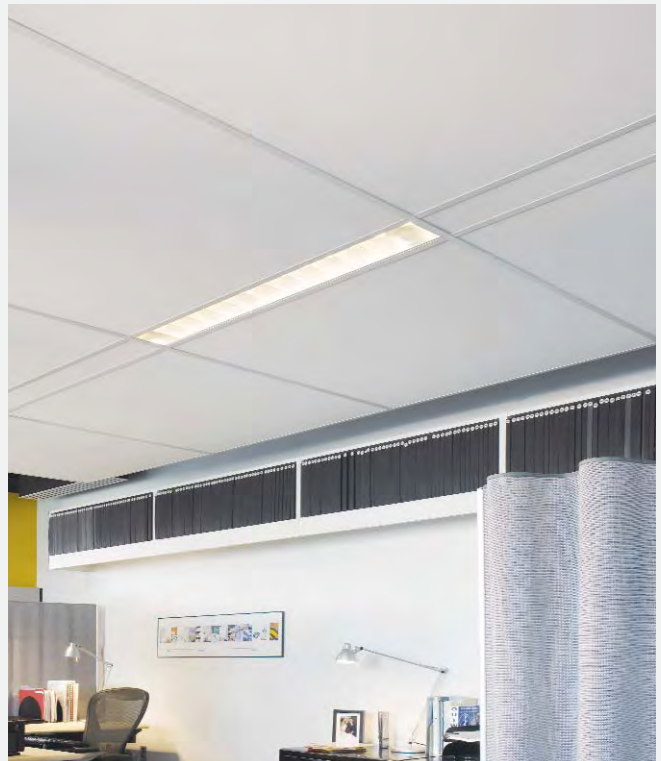
Optima 48" x 48" Lay-In field panels and Optima Lay-In technical panels on Prelude suspension system. Zumtobel recessed light fixture.

Optima 48" x 48" Tegular field panel and Optima Lay-In technical panels on Suprafine suspension system. Lithonia recessed light fixtures. Carnes air diffusers.

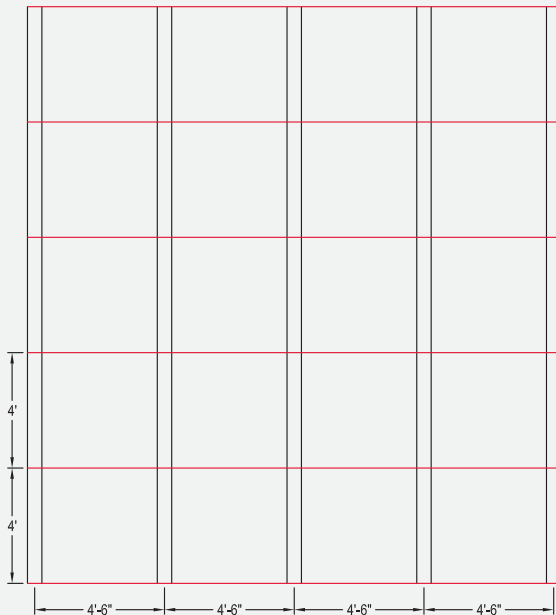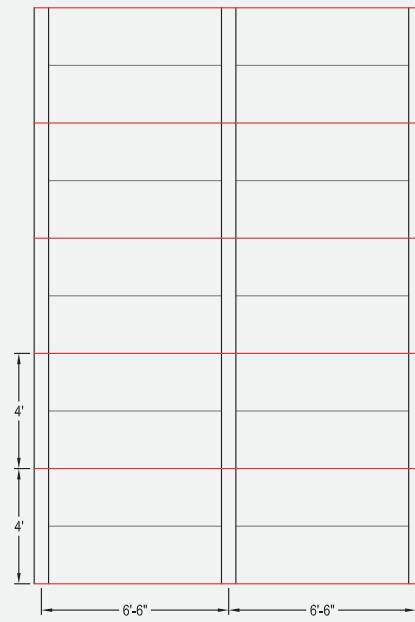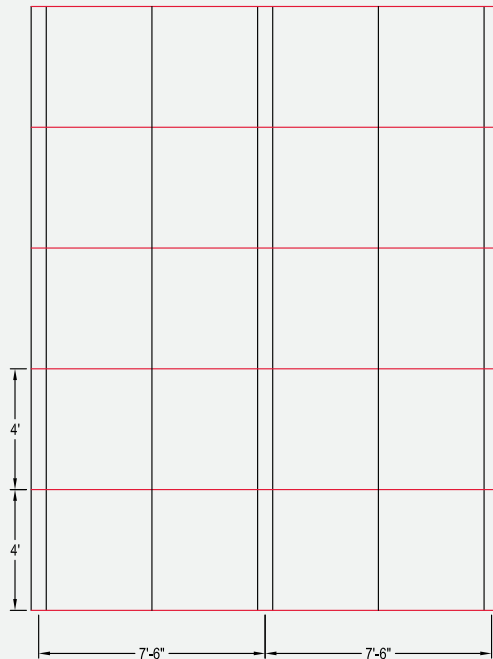# [5' BUILDING MODULES]

8' on-center technical zone

5'

5'

8'

8'

30" x 30" FIELD PANELS

15/16" Grid	Optima Sq. Lay-in	Item #3158
15/16" Grid	Optima Sq. Tegular	Item #3258
9/16" Grid	Optima Sq. Tegular	Item #3259
9/16" Grid	Ultima Bev. Tegular	Item #1905

10'-6" on-center technical zone

5'

5'

10'-6"

10'-6"

20" x 60" FIELD PANELS

15/16" Grid	Optima Sq. Lay-in	Item #3156
15/16" Grid	Optima Sq. Tegular	Item #3278
9/16" Grid	Optima Sq. Tegular	Item #3277

KEY SELECTION ATTRIBUTES

- Nondirectional DuraBrite® surface for excellent durability and superior light reflectance (reduces lighting and energy costs by up to 23%)
- Optima - Outstanding acoustical performance for open plan areas, both Articulation Class (180-190) and NRC (0.90-0.95)
  Ultima - Excellent sound absorption and ceiling attenuation NRC (0.70) CAC (35)

30-Year System Performance Guarantee
Against Visible Sag
HumiGuard® Plus

Against Mold/Mildew & Bacterial Growth
Inherent or BioBlock™ Plus

- Durable (Washable, Impact-resistant, Scratch-resistant, Soil-resistant)
- TechZone Ceiling Systems carry a 15-year limited warranty

Recycled content: Optima 40%/Ultima 61-78%
Contact TechLine℠ for LEED Information. 1-877-ARMSTRONG

LEED Credits						
Energy	Waste Mgmt	Recycled Content	Local Materials	Renewable Materials	Low-Emitting Materials	Daylight & Views
✓	✓	✓	✓	✓*	✓	✓

*Excludes Optima panels

TYPICAL APPLICATIONS

Optima:
- Open plan offices
- Upscale retail settings
- Airports
- Media centers/libraries

Ultima:
- Private offices
- Conference rooms

$$$ $$ OPTIMA

$$ $$$ ULTIMA

Color
White (WH)

Visual Selection / Performance Selection

30-Year Guarantee

Grid Face	Edge Profile	Item Number	Dimensions	NRC	AC	CAC	Fire Resist	Light Reflect	Sag Resist	Anti-Microbial	VOC Formaldehyde	Recycling Program	Wash	Impact	Scratch	Soil
OPTIMA				0.95	190	N/A		0.90	HumiGuard+	Inherent		Yes				
15/16"	Square Lay-In	3156	20" x 60" x 1"	●	●	N/A	Class A	●	●	●	Low	●	●	●	●	●
		3152	24" x 24" x 1"	●	●	N/A	Class A	●	●	●	Low	●	●	●	●	●
		3153	24" x 48" x 1"	●	●	N/A	Class A	●	●	●	Low	●	●	●	●	●
		3158	30" x 30" x 1"	●	●	N/A	Class A	●	●	●	Low	●	●	●	●	●
		3157	30" x 60" x 1"	●	●	N/A	Class A	●	●	●	Low	●	●	●	●	●
		3160	48" x 48" x 1"	●	●	N/A	Class A	●	●	●	Low	●	●	●	●	●
				0.90	180											
		3161	24" x 72" x 3/4"	●	●	N/A	Class A	●	●	●	Low	●	●	●	●	●
		3162	24" x 96" x 3/4"	●	●	N/A	Class A	●	●	●	Low	●	●	●	●	●
15/16"	Square Tegular			0.95	190						Low					
		3278	20" x 60" x 1"	●	●	N/A	Class A	●	●	●	Low	●	●	●	●	●
		3250	24" x 24" x 1"	●	●	N/A	Class A	●	●	●	Low	●	●	●	●	●
		3252	24" x 48" x 1"	●	●	N/A	Class A	●	●	●	Low	●	●	●	●	●
		3258	30" x 30" x 1"	●	●	N/A	Class A	●	●	●	Low	●	●	●	●	●
		3286	30" x 60" x 1"	●	●	N/A	Class A	●	●	●	Low	●	●	●	●	●
		3255	48" x 48" x 1"	●	●	N/A	Class A	●	●	●	Low	●	●	●	●	●
		3281	24" x 72" x 1"	●	●	N/A	Class A	●	●	●	Low	●	●	●	●	●
		3282	24" x 96" x 1"	●	●	N/A	Class A	●	●	●	Low	●	●	●	●	●
9/16"	Square Tegular	3276	20" x 54" x 1"	●	●	N/A	Class A	●	●	●	Low	●	●	●	●	●
		3277	20" x 60" x 1"	●	●	N/A	Class A	●	●	●	Low	●	●	●	●	●
		3279	21" x 24" x 1"	●	●	N/A	Class A	●	●	●	Low	●	●	●	●	●
		3251	24" x 24" x 1"	●	●	N/A	Class A	●	●	●	Low	●	●	●	●	●
		3280	24" x 42" x 1"	●	●	N/A	Class A	●	●	●	Low	●	●	●	●	●
		3257	24" x 48" x 1"	●	●	N/A	Class A	●	●	●	Low	●	●	●	●	●
		3283	27" x 30" x 1"	●	●	N/A	Class A	●	●	●	Low	●	●	●	●	●
		3259	30" x 30" x 1"	●	●	N/A	Class A	●	●	●	Low	●	●	●	●	●
		3284	30" x 54" x 1"	●	●	N/A	Class A	●	●	●	Low	●	●	●	●	●
		3285	30" x 60" x 1"	●	●	N/A	Class A	●	●	●	Low	●	●	●	●	●
		3287	42" x 48" x 1"	●	●	N/A	Class A	●	●	●	Low	●	●	●	●	●
		3256	48" x 48" x 1"	●	●	N/A	Class A	●	●	●	Low	●	●	●	●	●
		3261	24" x 72" x 1"	●	●	N/A	Class A	●	●	●	Low	●	●	●	●	●
		3262	24" x 96" x 1"	●	●	N/A	Class A	●	●	●	Low	●	●	●	●	●

30-Year Guarantee

Grid Face	Edge Profile	Item Number	Dimensions	NRC	AC	CAC	Fire Resist	Light Reflect	Sag Resist	Anti-Microbial	VOC Formaldehyde	Recycling Program	Wash	Impact	Scratch	Soil
ULTIMA				0.70	N/A	35		0.90	HumiGuard+	BioBlock+	No Added	Yes				
15/16"	Square Lay-In	1910	24" x 24" x 3/4"	●	N/A	●	Class A	●	●	●	No Added	●	●	●	●	●
		1913	24" x 48" x 3/4"	●	N/A	●	Class A	●	●	●	●	●	●	●	●	●
15/16"	Beveled Tegular	1911	24" x 24" x 3/4"	●	N/A	●	Class A	●	●	●	●	●	●	●	●	●
		1914	24" x 48" x 3/4"	●	N/A	●	Class A	●	●	●	●	●	●	●	●	●
9/16"	Beveled Tegular	1912	24" x 24" x 3/4"	●	N/A	●	Class A	●	●	●	●	●	●	●	●	●
		1915	24" x 48" x 3/4"	●	N/A	●	Class A	●	●	●	●	●	●	●	●	●
		1905	30" x 30" x 3/4"	●	N/A	●	Class A	●	Standard	●	Low	●	●	●	●	●

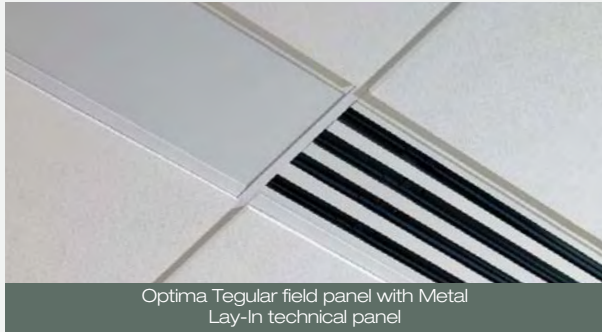Dots represent highest level of performance.

TechZone Technical Panels

Optima Tegular field panel with Optima Lay-in technical panel

Ultima Beveled Tegular field panel with Ultima Beveled Tegular technical panel

Optima Tegular field panel with Metal Lay-In technical panel

Grid Face	Edge Profile		Item Number	Dimensions
OPTIMA Technical Panels				
15/16"	Square Lay-In		1400 1404	6" x 48" x 1" 6" x 60" x 1"
9/16"	Square Lay-In		1401 1405	6" x 48" x 1" 6" x 60" x 1"
15/16"	Square Tegular		1402 1406	6" x 48" x 1" 6" x 60" x 1"
9/16"	Square Tegular		1403 1407	6" x 48" x 1" 6" x 60" x 1"
ULTIMA Technical Panels				
15/16" or 9/16"	Square Lay-In		1420	6" x 48" x 3/4"
9/16"	Square Lay-In		1425	6" x 60" x 3/4"
15/16"	Beveled Tegular		1422	6" x 48" x 3/4"
9/16"	Beveled Tegular		1423 1427	6" x 48" x 3/4" 6" x 60" x 3/4"
METAL Technical Panels*				
15/16"	Square Lay-In		1650 1651	6" x 48" x 0.025" 6" x 60" x 0.025"
9/16"	Square Lay-In		1652 1653	6" x 48" x 0.025" 6" x 60" x 0.025"
15/16"	Square Tegular		1654 1655	6" x 48" x 0.025" 6" x 60" x 0.025"
9/16"	Square Tegular		1656 1657	6" x 48" x 0.025" 6" x 60" x 0.025"

*MATERIAL: Galvanized Powder Coated Steel - nominal thickness .025"

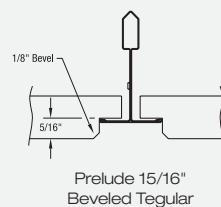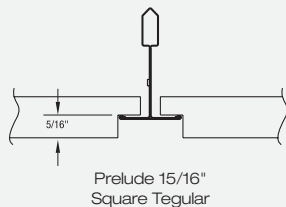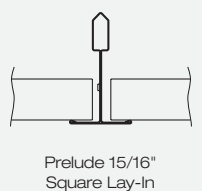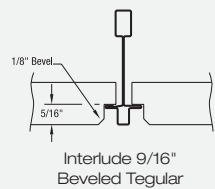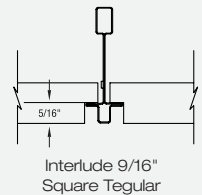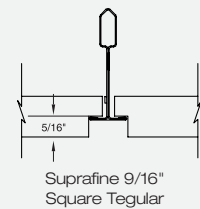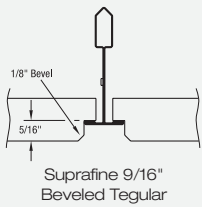**SURFACE FINISH:** Factory-applied powder-coated finish (post-coated)

COLOR: Armstrong has coordinated the finishes of light fixtures, diffusers and metal technical panels and suspension systems

FIRE PERFORMANCE: Class A flame spread 25 or under per ASTM E 1264

WEIGHT; SQUARE FEET/CARTON: Visit the web for details

RECYCLED CONTENT: 25%

TechZone Suspension Systems

Suprafine 9/16"
Beveled Tegular

Suprafine 9/16"
Square Tegular

Interlude 9/16"
Square Tegular

Interlude 9/16"
Beveled Tegular

Prelude 15/16"
Square Lay-In

Prelude 15/16"
Square Tegular

Prelude 15/16"
Beveled Tegular
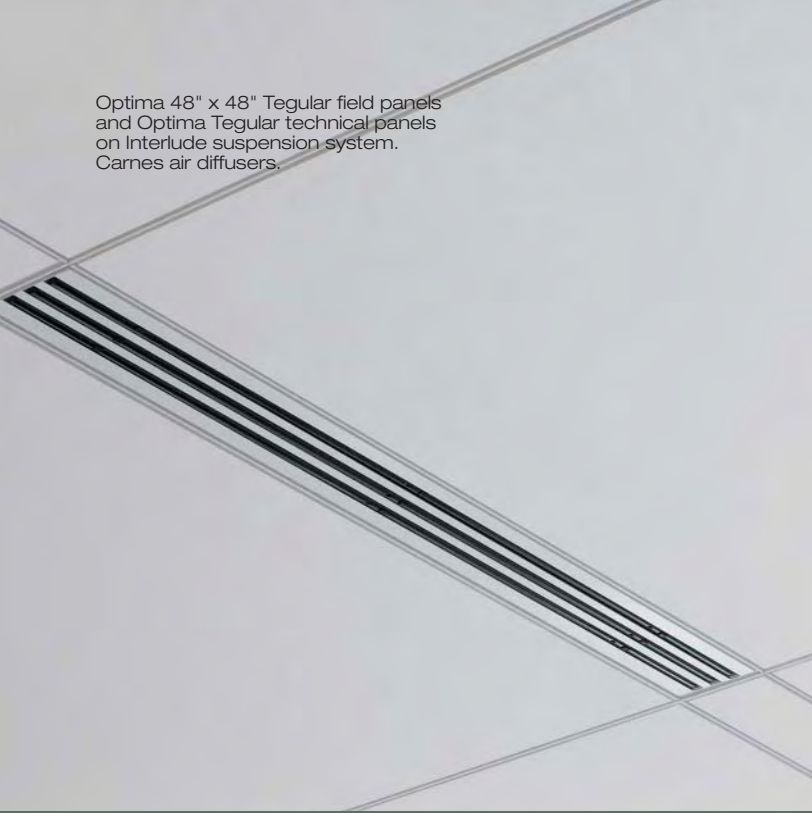
■ Hot-dipped galvanized coating inhibits red rusting better than electrogalvanized or painted systems

■ Rotary-stitched during manufacture by a patented method for additional torsional strength and extra stability during installation

■ 10-year limited warranty; 15-year with HumiGuard® Plus products

■ Recycled Content: 25%

Stabilizer Clip for Optima, Item 435
Recommended for panels 5' and greater in length. Ordered separately.
Note: Panels 5' to 8' – One clip installed near the mid-point of each long edge.

Optima 48" x 48" Tegular field panels
and Optima Tegular technical panels
on Interlude suspension system.
Carnes air diffusers.

Ultima 24" x 24" Tegular field panels
and Ultima Tegular technical panels
on Suprafine suspension system.
Corelite pendant light fixture.

TechZone partners

Industry-leading suppliers have engineered and designed lighting, diffusers and fire protection products
for use in TechZone™ Ceiling Systems. All Armstrong TechZone compatible products are qualified
for fit and finish with TechZone Ceiling Systems. They are readily available products using standard
components and they can be specified, bid, purchased and installed using traditional methods.

Optima 48" x 48" Tegular field panels
and Optima Tegular technical panels
on Suprafine suspension system.
RSA recessed light fixture.

Optima 48" x 48" Tegular field panels
and Optima Tegular technical panels on
Interlude suspension system. Zumtobel
pendant light fixture. Carnes air diffusers.

LIGHTING

RECESSED FIXTURES
- 6" x 48" and 6" x 60"
- Lay-in and Tegular Edges
- 9/16" and 15/16" grid compatible

RECESSED DOWNLIGHTS
- 3.9" square trim
- 3.5" round trim

PENDANT FIXTURES
- Indirect
- Direct/Indirect

LIGHTOLIER®

LITHONIA LIGHTING®

neoray™

ZUMTOBEL

Corelite™

RSA LIGHTING®

DIFFUSERS

LINEAR SUPPLY AND RETURN AIR DIFFUSERS
- 6" x 48" and 6" x 60". Also available in 24", 30", 36" and 72" lengths
- Lay-in – 1, 2, 3, or 4 slots
- Tegular – 1, 2, or 3 slots
- 9/16" and 15/16" grid compatible

CARNES®

Titus
The Leader in Air Management

FIRE PROTECTION

FLEXIBLE SPRINKLER CONNECTIONS
- Install in a quarter of the time of conventional hard pipe sprinklers.
- Allow exact centering of sprinkler head in ceiling panels.
- Allow for independent movement between sub-main piping and ceiling system.
- Meet all IBC requirements without need for unsightly oversized sleeve where ceiling meets the sprinkler head.

FlexHead INDUSTRIES

TECHZONE™
Ceiling Systems

Physical Data – Field Panels

Material
Ultima® is mineral fiber. Optima® is fiberglass. Both feature DuraBrite™ acoustically transparent membrane.

Surface Finish
DuraBrite with factory-applied acrylic latex paint providing superior light reflectance.

Acoustics
Optima panels provide outstanding acoustical performance and Ultima panels provide excellent sound absorption.

Sag Resistance
Panels feature HumiGuard® Plus, offering superior resistance to sagging in high humidity conditions.

Mold/Mildew and Antimicrobial Resistance
Ultima ceilings are treated with BioBlock™ Plus, which provides a guaranteed resistance against growth of mold/mildew and gram-positive and gram-negative odor/stain-causing bacteria. Optima is formulated to inherently resist the growth of micro-organisms.

Low/No-Added Formaldehyde
Optima items 3161 and 3162 are rated "No-Added Formaldehyde." All other Optima field panels are rated "Low Formaldehyde." Ultima item 1905 is rated "Low Formaldehyde." All other Ultima field panels are rated "No-Added Formaldehyde."

Weight; Square Feet/Carton
Please see armstrong.com or call 1 877 ARMSTRONG.

Warranty
TechZone Ceiling Systems carry a 30-year limited warranty.

Design Considerations

There are many design configurations possible. TechZone is engineered for 4' and 5' building modules. TechZone on-center spacing can be as narrow as 4' and as wide as 10' 6". Ceiling panels are available in a broad range of sizes. TechZone is especially appropriate for large expanses and open areas requiring superior acoustics and a clean, monolithic look.

Optima panels are not recommended for closed offices and conference rooms where CAC performance is crucial; however, CAC backing is available upon request. To prevent sound transmission in closed spaces, choose Ultima field panels with CAC 35 performance and the same compatible DuraBrite finish.

Metal technical panels may or may not have a negative impact on speech privacy, depending on the installation layout. For optimal acoustical performance, choose Optima technical panels.

Installation Considerations

TechZone Ceiling Systems are installed using standard 15/16" or 9/16" grid components. Optima and Ultima lay-in field panels are not recommended with 9/16" grid. Interlude is not recommended when using lay-in technical panels. Compatible lighting, diffusers and fire protection products are available from TechZone partners. Consult local code professionals about seismic requirements in your region.

Main beams should be installed perpendicular to technical zones. Cross framing, or Yoke suspension as detailed in CS-3479 (Armstrong Commercial Ceilings and Walls Solution Guide), may be required where this is not possible. Plenum depth required for the installation of panels is 3" for 2' x 4' panels and 6" for 4' x 4' panels. In most cases, installation of HVAC and can lighting will require more plenum depth. Perimeter treatments and transitions drawings are available in CS-3725 (TechZone Technical Booklet) or at armstrong.com/techzone.

TechLine℠ / 1 877 ARMSTRONG
1 877 276 7876

armstrong.com/ceilings

Armstrong®