As COVID-19 ripples transform design and construction, we realize the solutions you need for your customers may change as well. Count on us to provide the broadest portfolio of quick turn, standard products and one-of-a-kind capabilities across many forms and materials to address evolving needs. The right products can help contribute to clean, quiet, reassuring environments as interiors are updated to address changing concerns. And of course, we’re working together more digitally than ever before to enable you with what you need, when you need it.

For GC’s and contractors, our pre-engineered and integrated solutions can enable fewer people and shorter timeframes on job sites, a plus to schedules, labor savings, and safety considerations. Smart, streamlined, efficient solutions to get installers on & off the job simpler, faster, better.

Our reps, TechLine team, Design and Installation Support Specialists are here to help.

COUNT ON US FOR:

- Immediate availability of cleanable, scrubbable, nonporous ceiling panels and installation systems to help meet anticipated new cleaning standards. Consider Health Zone™ products for many types of spaces, beyond just medical.
- Quick retrofits to add acoustics to changing spaces. More hard surfaces for cleanability and more dividers between spaces or flexible walls can mean more sound bouncing around or through the space, and more need for acoustical control.
- Ceiling system recommendations as different types of spaces continue to evolve in offices, schools, and more, whether HVAC and other plenum components are reworked or spaces are reconfigured.
- Many pre-engineered and integrated systems to create reliable, crisp design details and speed installation times, allow for pre-fabrication with fewer hands-on installers at the job site.
- Design & Estimating support – From self-service Revit® and CAD files to collaborative design with our new ProjectWorks™ free design & pre-construction service, we can help to streamline design, drawings, and estimating for DesignFlex® and MetalWorks™ Torsion Spring Shapes product lines.
- 24/7 installation details, product information, pattern gallery, videos, and inspirational photos online at armstrongceilings.com
TODAY’S CHANGING SPACES

To address post-pandemic needs, all types of spaces in all types of buildings are being reconsidered. In some, floor plans are changing. We’re de-densifying. Adding more hard surfaces to allow cleanability. Considering new walls or dividers to help create zones and distance occupants. Flexibility is key.

NOISE

More noise is coming as a result of new layouts with dividers and flexible walls not built to deck. High sound blocking ceiling performance, paired with good MEP design, and wall sound transmission class can result in confidential speech privacy, even without building walls to deck. Sounds from plenum MEP as well as adjacent spaces are reduced with effective Ceiling Attenuation Class (CAC) performance.

CONFIDENTIALITY

Sound blocking is especially important for privacy when walls are not built to deck. High sound blocking ceiling performance, paired with good MEP design, and wall sound transmission class can result in confidential speech privacy, even without building walls to deck. Sounds from plenum MEP as well as adjacent spaces are reduced with effective Ceiling Attenuation Class (CAC) performance.

HEALTHY SPACES

Ceilings can contribute to the well-being of building occupants meeting standards such as WELL® and LEED®. Many Total Acoustics® ceilings are part of the Sustain® portfolio, meeting the industry’s most stringent sustainability compliance standards, and are cleanable, acoustical, and allow today’s open spaces to be reconfigured to closed plan spaces without detriment to performance. Many Health Zone™ ceiling panels offer Total Acoustics and are water-repellent, washable, scrubbable, and exceed FGI guidelines for acoustics and cleanliness in general healthcare spaces.

SOUND DESIGN

The ceiling plane is one of the single largest surfaces for integration of absorptive materials to offset the noise created by additional hard surfaces or layout changes. Ceilings that can absorb and block sound will be able to do acoustical “heavy lifting” compared to other surfaces.

Let us know how spaces are changing in your designs and renovations, and how we can help by dropping us a line at changingspaces@armstrongceilings.com

C423

E1414

E336

E90

NRC

STC

NIC

Total Acoustics ceiling solutions can meet requirements in newly changing building landscapes. Let us know how we can help:

1:1 CONSULTATIONS

Online Tools

Mobile Apps

1:1 CONSULTATIONS

with our reps or TechLine team. They create custom acoustical reports for your project needs.

ONLINE TOOLS

A Ceiling For Every Space® online tool lets you quickly click through specific product recommendations for your space.

MOBILE APPS

The Sound Level Meter allows you to record, measure, and improve the acoustics in existing spaces.

Ceilings without CAC do not meet certain standards, especially in classrooms, offices, and healthcare facilities. Total Acoustics® ceilings that offer a combination of NRC and CAC help meet industry standards for different types of spaces, including ANSI Standard S12.60 for education and FGI Guidelines for Healthcare. They also support ASTM Standards for sound absorption, ceiling sound blocking, wall sound blocking, and sound isolation, as well as other health and wellness standards such as WELL®, FitWELL®, and LEED®.
A CEILING FOR EVERY SPACE® – FOCUS ON HEALTHCARE AND MORE!

Our A Ceiling for Every Space® online tool highlights products for all types of spaces in all types of buildings. We’ll continue to update this tool with product recommendations and applications to address changing landscapes in offices, schools, and more.

Here’s a look at Healthcare facilities and products to address FGI standards and meet today’s needs.

Call our TechLine team with any questions.

EXPANDED DATA CENTER SOLUTIONS

Data center needs will continue to grow as the post-Covid world changes how and where we work. Our newly expanded data center ceiling system options are ready to meet this need and help carry the load!

### Continuous Load Path (CLP) for PRELUDE® XL®

Strength where you need it.

- Allows a threaded rod to connect to the deck without interrupting the ceiling plane
- Helps to manage air flow without unwarranted air penetrations in the ceiling
- Provides flexibility to design data halls that require heavier loads by using a typical ceiling system in main/high load trunk lines
- Utilizes standard Armstrong® ceiling panels that do not have to be cut or notched

### PRELUDE® XL Max® 15/16" Suspension System

For projects requiring up to 300 lb. point loads.

- 2’ x 2’ and 2’ x 4’ suspension system supports point loads up to 300 lbs. using 3/8” threaded rod and integrated hanging clips to provide:
  - Flexible and reconfigurable without a separate strut channel system
  - Eliminates penetrations through the ceiling plane
ACOUSTIBuilt™ Seamless Ceiling System

Looks like drywall but offers Total Acoustics® and Sustain® ceiling system performance!

And now, over 50 new details – including CAD and Revit® – help you create the perfect seamless acoustical ceiling system from one end of the building to the other, in wall-to-wall or cloud applications. Starting at the windows with shade pockets, soffits, slopes (of any angle), access panels, transitions, integrated lighting and diffuser options…design and build with confidence.

1) Shade pockets – Axiom® Shade Pockets – Wide variety of shade pocket options allows seamless integration with a variety of manual and automatic roller shades

2) Armstrong Drywall Grid – Allows you to create soffits and slopes of any angle

3) Diffusers – Price® Linear Diffusers are pre-qualified for fit & finish

4) Lighting – New Linear Lighting Trim kits allow seamless integration of XAL® and AXIS® partner lighting from below

5) Access Panels – Plasterform™ Access Panels offer a wide variety of shape and size options to fit your design needs

6) Trims & Transitions – Axiom® Trims & Transitions provide crisp architectural detail for cloud applications or transitions to other ceiling types

7) Acoustical Ceiling Panels – Calla® 9/16” Tegular ceiling panels provide Total Acoustics and Sustain Performance

DETAILS MAKE A DIFFERENCE... Faster and easier to design and build.

See our Online AcoustiBuilt™ Ceiling Systems Design Guide – Explore the pre-engineered, integrated solutions that address common conditions across the ceiling plane, then download the CAD and Revit® details you need!
INFUSIONS™ Resilient Partitions

Transform existing shared spaces into segmented areas with wall partitions artfully designed in a variety of patterns and colors.

- Large format, standard 24” x 96” wall panels are easy to install and reconfigure existing layouts to meet social distancing guidelines
- Nonporous and cleanable with a long-lasting designer finish
- Partitions can be suspended individually or in groups from ceilings or attached to walls
- Panels can be field cut to accommodate the needs of the space
- 15 patterns and colors ship quick
- Panels and installation hardware packaged together in one kit
QUIET IN A KIT

FELTWORKS® Open Cell Ceiling Systems

Redefine the visual plane with cellular kits.

- Modular kits available in 15 standard colors and three designs: Ebbs & Flows, Peaks & Valleys, and Rectangular panels (6” or 12” depths)
- Kits are available for 96” x 96”, 48” x 96”, 96” x 48”, and 48” x 48” modules
- Panels are designed to be inserted together to create 12” x 12” square cells; suspended independently using aircraft cables with our current Blades Hanging Kit – no other suspension needed!
- High sound absorption – 0.80 NRC (E400 Mounting)
- Part of the Sustain® portfolio, meeting the most stringent industry sustainability standards; GREENGUARD Gold and Declare® Red List Free Certified
- Made from up to 60% post-consumer recycled PET fibers
- Kits can be installed as individual clouds or interlinked to create a wall-to-wall installation
SHADE UP ACOUSTICS

SOUNDSCAPES® Shapes

Enhance exposed structure spaces with exciting geometric designs.

– New triangle, trapezoid, and parallelogram shapes create modular installations with new 60-degree Frame Alignment Kit
– Address acoustics and aesthetics with a superior engineered solution — up to 1.18 Sabins/SF
– Innovative, pre-engineered Grouping Frame is a key differentiator of the Soundscapes Shapes system. It ensures consistent panel spacing and minimizes hanging points, keeping the plenum uncluttered
– Pre-qualified for fit-and-finish lighting integration with Focal Point® seam1 light
– 360° panel finishing capability available
– Quick to install from the deck, drywall, suspension system, or on a wall in adjustable heights and angles
**Lighting Integration**


- Create a sleek visual using pre-engineered downlight solutions from USAI®, certified for fit and finish and seismically tested to work with our popular WoodWorks® Grille, Grille Tegular, and Linear Solid Wood panels
- Flush fit light fixtures in several styles and sizes illuminate a space, while virtually disappearing in the ceiling
- No need to independently suspend light fixtures or modify suspension system
- Lights sit flush with the face of panel – easy to install, field modify, and adjust
- USAI fixture mounting hardware has been designed to fit with standard grid and varying panel depths

**METALWORKS™ Blades – Classics™**

New standard blade sizes and custom capabilities.

- Now offering standard 1” x 4”, 1” x 6”, and 2” x 6” blades – available in multiple lengths for creative design layouts
- Custom sizes available: 12”-120” long, and 4”-12” deep (in 2” increments), with either 1” or 2” wide blades
- Available in six standard Effects™ Wood Look finishes and three colors
- Perforated blades create upscale linear visuals with excellent acoustical performance – up to 4.20 Sabins per Panel
- Part of the Sustain™ portfolio meeting stringent industry sustainability standards (unperforated M1 panels only)
- Variable blades panel spacing is available for all standard sizes to accommodate a variety of design and acoustical needs

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**STANDARD CEILINGS, CUSTOM LOOKS**

armstrongceilings.com/downlighting

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armstrongceilings.com/blades
FASTER, MORE EFFICIENT COLLABORATIVE DESIGN, ESTIMATING, AND TAKEOFFS... WITH PROJECTWORKSTM

ProjectWorks™ Design and Pre-construction Service streamlines the entire process – from ceiling design and visualization to takeoffs and quoting through installation. We turn your ceiling design vision and project RCP into one efficient, convenient work package.

DesignFlex® and MetaWorks™ Torsion Spring Shapes Ceiling Systems both offer unique design possibilities. Call your Armstrong Ceilings rep today to get started!

**Four Steps**

1. **Submit your Project RCP**
   - You share your Project RCP file

2. **Design or Pre-construction**
   - Design Services
     - Collaborative discussion
     - Pre-construction Services

3. **Design approval**
   - Drawing Package

4. **Drawing package review**
   - Specify – Quote – Order
   - Bill of Materials

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**Suggested suspension plan**

ARMSTRONG SUPRAFINE 45° RIGHT ANGLE BRACKET

ARMSTRONG SUPRAFINE 75° LEFT ANGLE BRACKET

ARMSTRONG SUPRAFINE 60° DOUBLE ANGLE BRACKET

ARMSTRONG BERC2

ARCHITECTURAL SPECIALTIES

**Abbreviations**

- ARMSTRONG
- WELL™
- LEED®
- BIM
- AIA
- DSM
- ISO
- BES

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**Trademarks**

- ARMSTRONG®
- WELL™
- LEED®
- BIM
- AIA
- DSM
- ISO
- BES

**Glossary**

- Armstrong World Industries Grid Schedule
- Armstrong World Industries Ceiling Tile Schedule
- Armstrong World Industries Hub Schedule

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**Contact Information**

armstrongceilings.com/projectworks

Inspiring Great Spaces®

Armstrong CEILING SOLUTIONS

armstrongceilings.com/commercial

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**Notes**

- These drawings show generic conditions for which the Armstrong products depicted are used. The user is advised to consult with a duly licensed architect or engineer and refer to the unique requirements of local codes that may be applicable for a particular project.

- These drawings reflect the unique requirements of local codes that may be applicable for a particular project. The user is advised to consult with a duly licensed architect or engineer and refer to the unique requirements of local codes that may be applicable for a particular project.