



Fabriccoil[™]
GuardianCoil[®]

Welcome to Cascade Architectural

In the universe of architectural materials, there are but a handful that consistently elevate design. Cascade Architectural is your source for those materials.

Welcome to Cascade Architectural, your source for Fabricoil® and GuardianCoil® systems. Made in the USA, Fabricoil and GuardianCoil are crafted from interlocking strands of coiled wire to form sheets of flexible metal fabric. Combined with our engineered attachment systems, architects and designers are discovering a world of turnkey solutions for creating category-defining designs using Cascade Architectural coiled wire fabric products and systems. Fabricoil systems are a popular choice for interior and exterior applications including building cladding and solar shading, window and ceiling treatments, room dividers and partitions, architectural lighting effects, retail displays, and much more.

GuardianCoil systems are a new safety and security solution used in airports, restaurants, educational facilities, retail centers, and offices as security gates and to mitigate blast driven debris.

In this brochure you will learn about the many functions and applications of our products and see a variety of examples of what ambitious and uncompromising design professionals can achieve when their imaginations are unleashed with Fabricoil and GuardianCoil systems.

Now it's your turn to discover how Cascade Architectural can help you express your creative vision.

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PROJECT Salt Lounge, iPic Theater at Scottsdale Quarter, Scottsdale, AZ
DESIGNER ID & Design International, Inc. (IDDI)
SYSTEM 3/16"-19 Ga. aluminum Fabricoil with an antique copper, satin bronze, and silver finish with Hook attachment

Photo courtesy of iPic Theaters

Fabricoil® Systems

PROJECT Building 5, Portland Community College
Rock Creek Campus, Portland, OR

ARCHITECT Opsis Architecture

SYSTEM 3/8"-14 Ga. stainless steel Fabricoil with
Tube attachment

"Sustainability and the utilization of natural daylight were key design considerations for this LEED Gold student center. For the 2nd floor lounge, the vertical exterior sunshades had to be elegant, durable, visually transparent, and have the ability to shade the west facing glass. Fabricoil achieved all these goals."

Aaron Schalon
Opsis Architecture

Fabricoil® coiled wire fabric ignites the imaginations of architects and designers

It looks and performs like traditional architectural metal mesh. It's flexible and formable. It's beautifully textured. It reflects light brilliantly. It can serve a multitude of

functions in myriad applications – both exterior and interior. However, a major advantage Fabricoil has over standard metal mesh is its value, due to its efficient design and manufacturing process. All Fabricoil weaves share the same fundamental geometry

created by interlocking individual strands of spiraled wire. What varies widely is Fabricoil's scale. The weave you select impacts the material's percentage of open area (from 40% to 85%), textured appearance, thickness (from 3/32" to 5/8"), and ultimate strength.

To perfectly suit your application's visual, performance, and budgetary needs, Fabricoil material is available in 16 different recyclable metal alloys.

STANDARD WIRE OPTIONS

Bright Basic Steel
Aluminum
Nickel-Plated Steel
Silver Tin-Plated Steel
Solid Brass
Stainless Steel Type 304

Stainless Steel Type 316
Copper-Clad Steel
Metalobind Galvanized Steel
Nylobind Galvanized Steel

ADDITIONAL WIRE OPTIONS

Bright Basic Annealed Steel
High Tensile Strength Steel
Galvanized Steel
Aluminized Steel
Solid Copper
Titanium

GuardianCoil® Systems



Photography by LS3P Associates Ltd.

PROJECT **The Trone Student Center
at Furman University, Greenville, SC**
ARCHITECT **LS3P Associates Ltd.**
SYSTEM **5/16"-15 Ga. aluminum Fabricoil with a
brightened finish with Secura Track and
GuardianCoil® Security Gate attachments**

**GuardianCoil® security systems provide
a beautiful and effective solution for
partitioning spaces and securing facilities.**

Perfect for both new construction and retrofit applications, our GuardianCoil® systems come complete with engineered attachment systems and variable components. Intermediate foot bolts, locks, and vertical intermediate channels allow design flexibility and fulfill the specific security needs for each project. Made in the USA and 100% recyclable, GuardianCoil's quality and price point provide value unmatched by traditional security systems.

GuardianCoil® security systems are lighter than traditional security systems and have reduced structural support requirements reducing engineering and construction costs. Besides being fireproof, our durable coiled wire fabric provides unrestricted HVAC airflow. The woven panels are acoustically transparent and allow signage, media, products and advertisements to remain visible while secured. Available in a variety of weave sizes and finishes with powder coated track and hardware standard, GuardianCoil systems are the perfect solution to help you create beautiful secured spaces in any project.

GuardianCoil® offers solutions for a variety of applications:

Area reduction or section closures in restaurants, conference rooms and educational facilities

Dividers/partitions separating public and private areas

Security partitions in public common areas

Storefront closures in retail centers, airports, convention centers and other public spaces

Attractive deterrent behind large display windows

Secure inventory, hazardous materials and supply closets

"Cascade Architectural's GuardianCoil® system was the perfect solution to a unique problem. We were asked by our client to divide a large dining space into two smaller spaces without reworking an existing HVAC delivery system. The metal mesh drapery allowed us to solve that pragmatic requirement while at the same time introducing a dynamic, defining element into the space. Students and staff are thrilled!"

Scott Crichton
LS3P Associates

Exterior Facades

Fabricoil has become the material of choice for many common exterior applications. Fabricoil exterior systems feature robust corrosion-resistant materials and finishes, along with attachment hardware engineered to withstand the environmental loads they'll encounter. Explore the proven applications for Fabricoil today, or dream up your own. Fabricoil transforms otherwise ordinary exterior building elements - a shade, an awning, a security screen, or decorative panel - into a standout feature of your design.

Common Exterior Applications

- Animal Enclosures
- Art
- Facades
- Fall Protection
- Media Walls
- Parking Garages
- Solar Shading
- Trellis
- Water Features



Photography by LMN Architects

ARCHITECT LMN Architects

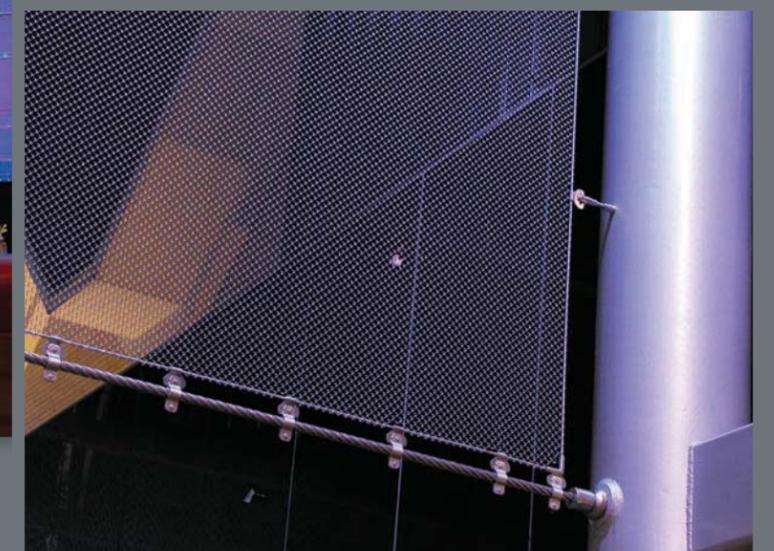
SYSTEM 5/8"-14 Ga. Type 316 stainless steel
Fabricoil with custom cable and
clamp suspension attachment

Marion Oliver McCaw Hall at Seattle Center, Seattle, WA

A soaring two-story tall Fabricoil® system transforms the front entrance to this iconic Seattle opera house. Suspended vertically with stainless cable, the series of Fabricoil panels provides patron-pleasing shade during sunny days. Then at night, as the stars come out, the same panels come alive with ever-shifting colored light. An unforgettable signature look for a 21st century music hall, compliments of Fabricoil.

"The design objective was to create a hall that engages the entire community. An art installation features colored lights that are choreographed and projected onto a series of sheer metal curtains, or scrims, to literally draw the art out of the building."

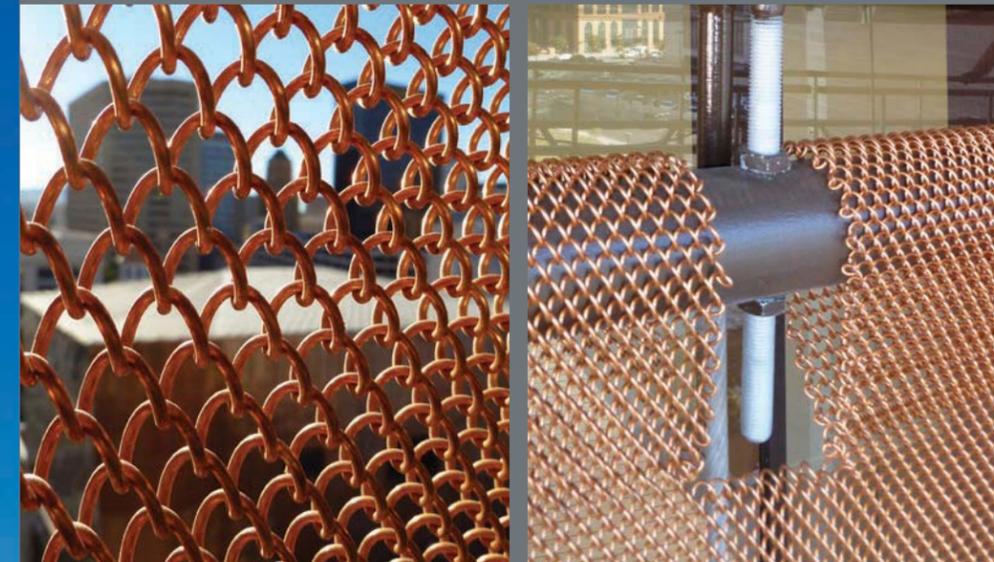
Seattle Opera



Exterior Solar Shading



Photography by Fred Golden



Albert Armendariz, Sr.

U.S. Courthouse, El Paso, TX

A shimmering, multi-panel Fabricoil® system adds intricate texture and passive solar shading to the Albert Armendariz, Sr. United States Courthouse. Held in tension like an ancient scroll over a great expanse of glass curtainwall, each panel contributes to modern-day energy-saving standards by reflecting and filtering sunlight to reduce solar heat gain. In fact, third-party energy simulation testing proves that exterior Fabricoil solar shading systems like this can reduce building energy consumption up to 12.3%. Contact Cascade Architectural for the complete report. For ultimate solar performance and style, the verdict is in: Fabricoil.

“It hangs like fabric and has a very distinctive three-dimensional aspect that you really cannot get with other woven meshes. This allows you to suspend it from the top with a very simple detail and just let it drape, as compared to other meshes that need additional support to keep them in plane. There really isn't anything else like it.”

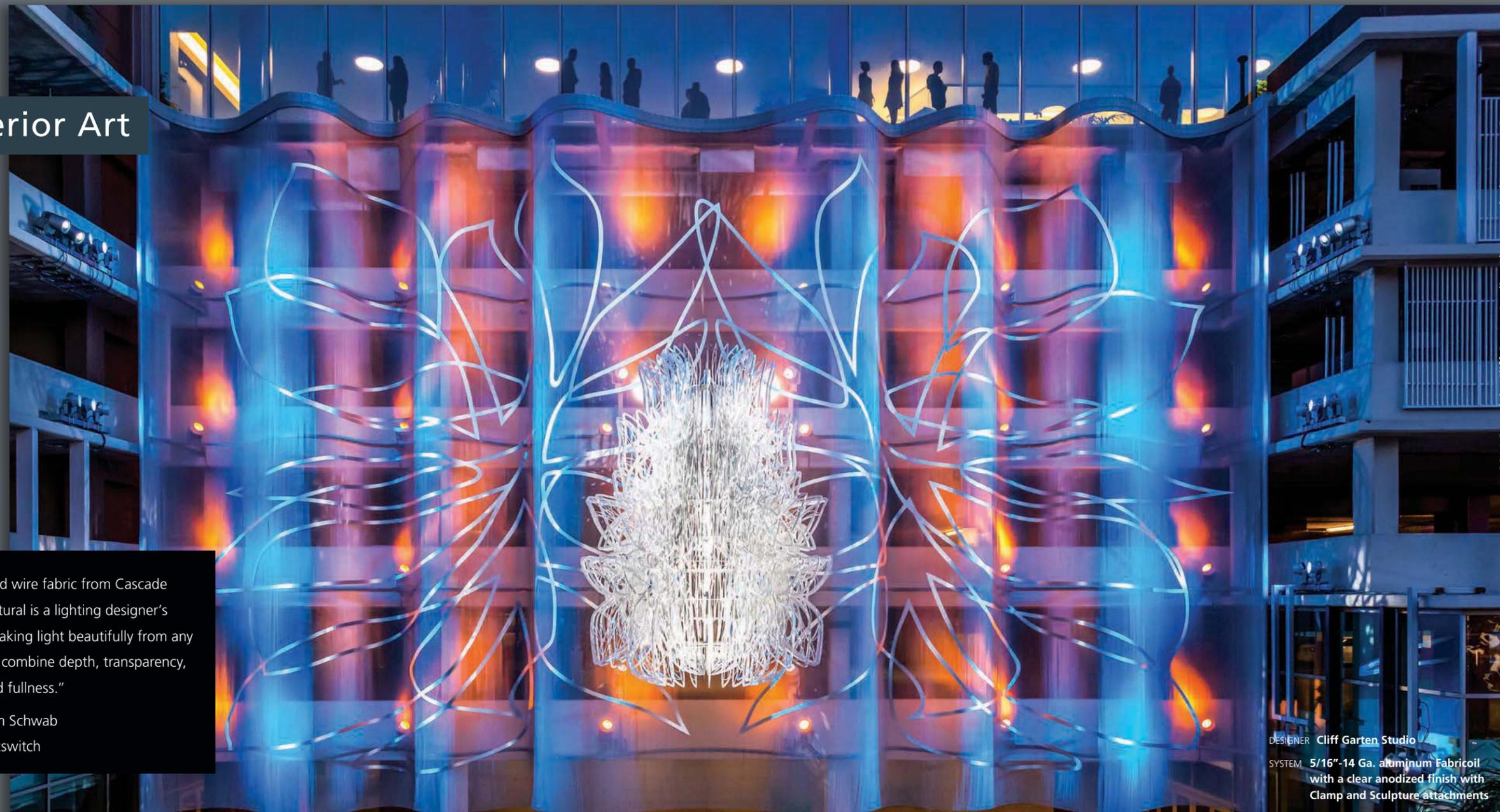
Paul Fehlau

Antoine Predock Architect

ARCHITECT **Antoine Predock Architect**

SYSTEM **3/8"-14 Ga. copper clad steel
Fabricoil with Pipeline
attachment**

Exterior Art



2014 Copyright Cliff Garten Studio. Photography by Jeremy Green.

"The coiled wire fabric from Cascade Architectural is a lighting designer's dream, taking light beautifully from any angle to combine depth, transparency, folds and fullness."

Norm Schwab
Lightswitch

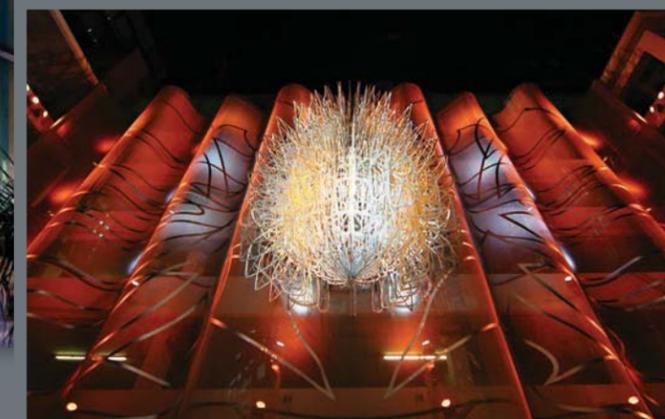
Los Angeles Opens Its Heart of Compassion – The Vermont Los Angeles, CA

A one-of-a-kind Fabriccoil® system simultaneously inspires artists and architects at The Vermont. The flexible material complements the artist's design concept, but remains an intriguing building material on its own. The undulating fabric facade cloaks the parking garage of the luxury high-rise apartments and serves as the backdrop for the laser-cut aluminum art. Another extraordinary structure, made possible by Fabriccoil.

"Cascade Architectural's material immediately intrigued me. There are more possibilities to the material than what designers had been doing with it previously."

Cliff Garten
Cliff Garten Studio

DESIGNER Cliff Garten Studio
SYSTEM 5/16"-14 Ga. aluminum Fabriccoil with a clear anodized finish with Clamp and Sculpture attachments



Photography by © John L. Tuell

Interior Partitions & Window Treatments

Flowing and formable Fabricoil® is natural for interiors, establishing an upscale ambiance and elevating aesthetics in virtually any space, no matter what the end use. From restaurants, retail and resorts to hospitals, hotels and homes, Fabricoil interiors make strikingly beautiful and long-lasting first impressions.

Common Interior Applications

- Art
- Ceiling Treatments
- Divider/Partitions
- Exhibits
- Fall Protection
- Media Walls
- Solar Shading
- Wall Covering
- Water Features
- Window Treatments



Photography by Ben Carpenter

DESIGNER AfroditiKrassa Ltd.

SYSTEM 1/4" -18 Ga. aluminum Fabricoil with a satin bronze finish with Secura Track attachment

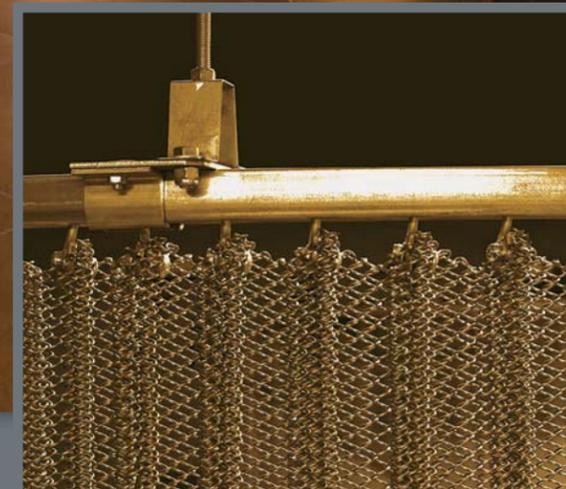
TwoRuba

London, England

A space-dividing Fabricoil® system adds perfect polish and dashes of glamour throughout TwoRuba's sophisticated interior. It starts at the bar and lounge's "storefront" window, where Fabricoil panels serve as the backdrop for TwoRuba signage. Inside the lounge space itself, hanging Fabricoil panels distinctively divide space without disrupting flow – something ordinary walls or partitions could never do. Segmented areas offer tempting views out and a little mystery in-between. From the front door to the back bar, Fabricoil brings good cheer.

"We chose an innovative, eco-friendly, and hardwearing bronze 'metal mesh drapery' to work alongside a central catwalk area that links all three levels of the bar from which the entire space is articulated."

Afroditi Krassa
AfroditiKrassa Ltd.



Interior Dividers & Concealment

"The Fabricoil® drapes were originally selected to provide a shimmering "translucent" curtain to conceal the MEP infrastructure above the large food platform in the center of the space. The drapes filled the space while keeping a light and airy feeling. We chose two metal finishes to add interest and bring out the gold and yellow accent colors throughout the design."

Linda C. Midden
Webb Food Service Design

Photography by Hewitt/Garrison Architectural Photography



64 Degrees

Revelle College

University of California, San Diego, CA

Providing solutions for multiple applications on the same project is nothing new for Cascade Architectural. Fabricoil® was chosen to conceal mechanical equipment above a large food platform and provide space division throughout the facility, helping transform an outdated cafeteria into a new dining destination with plenty of wow factor.

Featuring a kitchen, multiple mini-restaurant platforms, dining areas and a market, 64 Degrees provides students with a beautifully designed space for dining, studying, congregating and socializing. Utilizing a combination of finishes, the Fabricoil systems blend in seamlessly with the different colors, textures and surfaces to maintain the bright and open feel of the space. With a tight renovation schedule, Fabricoil's short lead time fit perfectly in to the construction timeline to meet the opening date. Fabricoil continues to elevate educational facilities around the world.

"To define separate seating zones within a large volume, we used Fabricoil to create a visual boundary, while maintaining a connection between spaces. The tall draped panels accentuate the height of the space and add some drama."

Maxine Ward
Studio E Architects

ARCHITECT Studio E Architects

DESIGNER Webb Food Service Design

SYSTEM 3/8"-15 Ga. Aluminum with Satin Gold and Brightened Aluminum finishes with Secura Track attachment



Interior Curved Partitions



Photography by Blackstone Edge Studios

ARCHITECT Leeb Architects

DESIGNER Garrison Hullinger Interior Design

SYSTEM 3/8"-15 Ga. aluminum Fabriccoil with gunmetal black finish and Secura Track attachment



Hub 9 Hillsboro, Oregon

Located in the Platform District at Orenco Station, Hub 9 is the new benchmark for upscale urban living. Set in a neighborhood of restaurants, retail and rapid transit, Hub 9 provides luxury living while being close to Nike and Intel, two of the region's top employers. This combination of convenience, quality and lifestyle resonates with the residents who call Hub 9 home. As you enter Hub 9 a collection of beautiful design elements draws you in to the lobby while easily guiding you in to the different public spaces. Featuring multiple Fabriccoil® systems used as curved room dividers and wall treatments, the interiors feel like you've transported to the hip part of the city without the hustle and bustle of downtown. Developed by Holland Partner Group, Hub 9 represents what can be achieved by combining a leader in multi-family development with an award winning interior design firm to create industry changing residential properties. From the looks of Hub 9 they have created a platform all their own.

"Fabriccoil was the perfect solution for our client who asked for a space that provided some intimate moments within the public spaces without being too closed off from other spaces. The Fabriccoil created some dimension and even gives the effect of draping metal without coming off as heavy or weighted. We also love the opportunity to change up the colors to fit the space and even the weave can be changed to add interest or give more privacy."

Garrison Hullinger

Garrison Hullinger Interior Design

Protective Coatings

With Cascade Architectural coatings and finishes, almost any effect is achievable

Carefully accounting for the environment into which a Fabriccoil® or GuardianCoil® system will be installed and your desired aesthetic – including color and reflectivity – your Cascade Architectural representative will help you select the appropriate protective coating system. All weaves are sprayed and protected with durable low-VOC lacquer finishes, designer metallic “metaltone” powder finishes, and acrylic lacquers. Coatings are also available in a wide range of custom colors – matched to your paint codes in order to meet your precise application and design requirements. For added protection, powder-coated finishes are available for exterior and interior architectural applications using larger stainless steel and aluminum weaves. Kynar coatings and anodized finishes for larger aluminum weaves are also available for specialty applications. Coatings are expertly applied in-house where quality is tightly controlled.



Photography by iPic Theaters

PROJECT **iPic Theater, Boca Raton, Florida**

ARCHITECT **DDG**

DESIGNER **ID & Design International, Inc.**

SYSTEM **3/16"-19 Ga. galvanized steel Fabriccoil with satin bronze, antique copper and silver-toned finishes and Secura Track attachment**

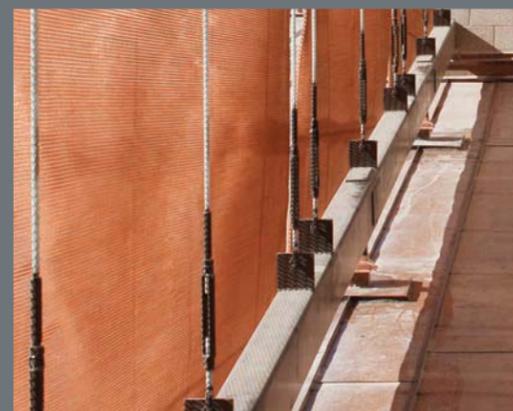
Support Services

Cascade Architectural prides itself on working closely with architects and designers from concept to installation.

Designing with flexible Fabriccoil® and GuardianCoil® is a big change from ordinary solid dimensional materials and presents new challenges to the architect or interior designer. For that reason, Cascade Architectural has readied a variety of design and job site support services.

Our expert in-house design and engineering services support you with development of drawings and material specifications for your specific application to deliver the effects you want to achieve. We regularly provide recommendations for the appropriate metal, coating and aesthetic fullness, and can advise you on structural support requirements, attachment options, even lighting and motion considerations.

Cascade Architectural provides short lead times plus superior on-time delivery and can also provide onsite installation support, helping make your project as trouble-free as possible.



PROJECT Tempe Transit Center, Tempe, AZ

ARCHITECT Architekton

SYSTEM 3/8"-16 Ga. Type 316 stainless steel
Fabriccoil with Canvas attachment

"Finding a product for a specific application was a challenge at the Tempe Transportation Center. Cascade Architectural's Fabriccoil system was durable and maintenance free while maintaining an elegant and visually transparent effect. Cascade Architectural, much like Architekton, is client-focused, and came up with a design solution and installation that helped us achieve the goals set forth by the project parameters."

John Kane
Architekton





CASCADE COIL DRAPERY

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Cascade Coil Drapery, Inc. is the undisputed leader in the manufacture of coiled wire fabric for use in functional and aesthetic architectural, industrial, and zoological applications. As a division of Cascade Coil Drapery, Inc., Cascade Architectural specializes in the development of functional coiled wire fabric systems for use by architects, designers, building owners, contractors, and government entities in a wide range of commercial and residential applications worldwide. Cascade Architectural coiled wire fabric systems are environmentally sustainable and made in the U.S.A.

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