Outdoor Products | Site Furniture & Lighting

BENCHES, LITTER & RECYCLING, BIKE RACKS, SUNSHADES, TABLES & CHAIRS, OUTDOOR LIGHTING.
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However, more than just the sum of our product lines, Forms+Surfaces is an integrated resource with the passion and expertise to help our clients achieve success. No matter what the size or scope of a job, we’re committed to enhancing life in public spaces and embrace our role as an innovative, responsive partner landscape professionals can rely on and trust.

The F+S advantage? It reaches you through everything we do. Specify Forms+Surfaces and you get unparalleled customer support, products that are as durable as they are beautiful, quality that will last a lifetime, and designs that will endure.
Forms+Surfaces site furniture products are recognized worldwide for their distinctive designs and high-performance green materials and finishes. This adaptable group represents a variety of aesthetics, and includes benches, litter and recycling receptacles, bike racks, sunshades, tables and chairs. All are designed to function beautifully on their own or pair up with other F+S products. Many blur the lines between indoors and out. And all are distinguished by their ability to perform in today’s public spaces.
With the effortless style and real-world durability of our entire site furniture family, Forms+Surfaces benches are rugged enough to face the challenges of weather and public use, yet refined enough to sit comfortably indoors, outdoors and anywhere in between.
VECTOR SEATING SYSTEM

Vector is a modular design that goes in whatever direction your seating needs take. This highly customizable line invites you to mix bench and planter modules, choose materials and finishes to suit your design scheme, and personalize your layouts with optional seat backs and seat dividers, LED accent lighting below bench seats, and/or side panels in stainless steel or VividGlass. The system consists of seven interchangeable modules: two-, four-, six-, and eight-foot benches, two 120° angled benches, and a planter. Benches can be specified with FSC® 100% Jatoba hardwood or powdercoated aluminum slats.
VECTOR SEATING SYSTEM continued
VECTOR SEATING SYSTEM continued
Backed and backless 6' benches have powdercoated aluminum frames and a choice of powdercoated aluminum or FSC® 100% Jatoba hardwood slats.
Backed and backless 6' or 8' benches have powdercoated aluminum frames, FSC® 100% Ipé or FSC® Recycled reclaimed Teak slats, and optional end and intermediate armrests.
TRIO

Backed and backless 6’ or 8’ benches have powdercoated cast aluminum frames, slats of powdercoated aluminum or FSC® 100% Ipé hardwood, and optional intermediate armrests.
BALANCE

Backed and backless 6’ benches have powdercoated cast aluminum frames and stainless steel seats with hexagonal perforations and Satin, Sandstone or powdercoat finish options.
PACIFICA

Backed and backless 8’ or 12’ benches feature powdercoated steel frames, FSC® 100% Jatoba hardwood seats, optional armrests, and multiple back configuration options.
CAMBER

Backed 6’ or 8’ benches have powdercoated solid cast aluminum frames with a choice of powdercoated aluminum or FSC® 100% Ipé hardwood slats and optional intermediate armrests.
RATIO

Backed and backless 6’ benches have powdercoated aluminum frames, perforated stainless steel seats, and Satin, Sandstone or powdercoat finish options.
Backless 6’ benches pair powdercoated cast aluminum frames with seats of FSC® Recycled reclaimed Teak.
DUO

Backless 6' benches pair FSC® 100% Jatoba hardwood and stainless steel with a polished or powdercoat finish.
BOARDWALK

Backless 6’ benches have solid cast aluminum frames with a powdercoat finish and slats of FSC® Recycled reclaimed Cumaru.
Backless benches in 6’ and 8’ lengths are constructed of solid FSC® 100% Ipé hardwood slats.
APEX

Backless 6’ benches of powdercoated cast aluminum and FSC® 100% Jatoba hardwood stand alone or link end-to-end.
40 FORMS + SURFACES
TANGENT RAIL SEATING

Straight and articulating rail configurations, optional intermediate armrests, and 1-5 backed or backless seats with numerous design, material and finish choices.
TANGENT RAIL SEATING continued
Backed, backless and perch seating units have powdercoated cast aluminum frames and a variety of seat, armrest, leg and configuration options.
TECNO RS SEATING SYSTEM continued
TECNO RS SEATING SYSTEM continued
BENCHES OVERVIEW

VECTOR (pg 11)

CORDIA (pg 17)
KINGHT (pg 19)

BALANCE (pg 23)

TRIO (pg 21)
BENCHES OVERVIEW continued

PACIFICA (pg 25)

CIRCUIT (pg 31)

CAMBER (pg 27)

RATIO (pg 29)
litter & recycling

Our litter and recycling receptacles have been developed with input from sanitation specialists in the toughest urban and transportation environments. Made of stainless steel, aluminum, and FSC® 100% hardwoods, our receptacles are as durable and maintenance-friendly as they are attractive.
CORDIA

Litter and recycling receptacles are available with FSC® 100% Jatoba hardwood or powdercoated aluminum insets, in 36-gallon, single- or split-stream designs, with or without raincovers.
Litter and recycling receptacles offer a choice of FSC® 100% Jatoba hardwood or stainless steel insets, 24- or 36-gallon, single- or split-stream designs, and optional raincovers.
KNIGHT

Single-stream, 30-gallon litter receptacles are aluminum with a powdercoat finish.
Litter and recycling receptacles of powdercoated cast aluminum are available in 36- or 45-gallon, single- and split-stream designs with versatile waste handling options.
URBAN RENAISSANCE

Litter, recycling, and split-stream receptacles in powdercoated stainless steel, 36- or 45-gallon sizes, and multiple lid and grillwork options.
Stainless steel litter and recycling receptacles are 60-gallon, dual- or tri-stream, with colored polyethylene lid or cast aluminum lid with or without raincover.
Stainless steel litter and recycling receptacles offer numerous design options: single- and split-stream, top- and side-opening, 12-36-gallon, and numerous finishes and patterns.
Elliptical-shaped 30-gallon litter and recycling receptacles are available in single- and split-stream designs in stainless steel or Fused Metal with a wide range of finish and pattern options.
Stainless steel litter and recycling receptacles in 16-gallon triangular and 24-gallon trapezoidal shapes are designed for grouping in any number of ways.
LITTER & RECYCLING RECEPTACLES OVERVIEW

CORDIA (pg 57)

KNIGHT (pg 61)

APEX (pg 59)

DISPATCH (pg 63)
bike racks

Forms+Surfaces bike racks provide secure bicycle parking for public spaces of all kinds. Field-proven in parks, corporate campuses, retail centers, hospitals and more, our stainless steel and powdercoated aluminum designs suit site-specific layouts and diverse architectural styles.
Stainless steel bike racks have a Satin or powdercoat finish; individual stems in six heights can be arranged to fit site-specific layouts.

A standard U-lock can be locked at this location to meet APBP guidelines for security and functionality.
Solid cast aluminum bike racks have a rectangular profile and powdercoat finish.

A standard U-lock can be locked at this location to meet APBP guidelines for security and functionality.
Solid cast aluminum bike racks have a powdercoat finish.

A standard U-lock can be locked at this location to meet APBP guidelines for security and functionality.
CAPITOL

Solid cast aluminum bike racks have a powdercoat finish.

A standard U-lock can be locked at this location to meet APBP guidelines for security and functionality.
Bike rack body is stainless steel with a Satin finish; cast aluminum base has a powdercoat finish. A standard U-lock can be locked at this location to meet APBP guidelines for security and functionality.
OLYMPIA

Solid cast aluminum bike racks have a powdercoat finish.

A standard U-lock can be locked at this location to meet APBP guidelines for security and functionality.
Solid cast aluminum bike racks have a powdercoat finish.

A standard U-lock can be locked at this location to meet APBP guidelines for security and functionality.
BIKE RACKS OVERVIEW

CORDIA (pg 81)

TRIO (pg 83)

CAPITOL (pg 85)

SUMMIT (pg 87)

OLYMPIA (pg 89)

BAY CITY (pg 91)
Our Soleris Sunshade is a fresh interpretation of a classic functional form. Designed for year-round use, this versatile umbrella features open-air construction, a fixed stainless steel pole, and shade panels in powdercoated aluminum with optional perforation patterns.
SOLERIS

For standalone use or use with F+S table ensembles, Soleris has a fixed stainless steel pole and shade panels in powdercoated aluminum with optional perforation patterns.
SOLERIS continued
SOLERIS continued

Soleris with Stitch perforation pattern shown with Tangent table ensemble, four-seat, ADA-compliant

Soleris shown with Apex table ensemble
Soleris with Cloud perforation pattern shown with 36" table-height table top

Soleris with Slat perforation pattern shown with 24" bar-height table top
Our tables and chairs add a fun, social element to our site furniture line. Designed to bring people together in cafés, food courts, airports and other gathering spaces, the group’s versatility serves up plenty of options for indoor and outdoor public settings.
TANGENT TABLE ENSEMBLE

Group seating units have a hexagonal stainless steel table top, 4 or 6 backed or backless seats, and numerous design, material and finish variations. ADA compliant options.
APEX TABLE ENSEMBLE

48” square tables and 2-4 backless 40” benches have powdercoated aluminum frames and FSC® 100% Jatoba hardwood slats. ADA compliant options.
KNIGHT TABLE ENSEMBLE

6’ tables and backed or backless benches have powdercoated aluminum frames and FSC® 100% Ipé slats. ADA compliant options.
110 FORMS + SURFACES
TRIO TABLE ENSEMBLE

6’ tables and backless benches have powdercoated solid cast aluminum frames and FSC® 100% Ipé slats. ADA compliant options.
VISTA CHAIR

Stainless steel chairs have perforated seats, a powdercoat finish, and optional armrests. Chairs can be stacked.
BANTAM CHAIR

Chairs have stainless steel frames with a bead-blasted finish and translucent polypropylene seats in seven vibrant colors. Chairs can be stacked.
CITRUS TABLE

Hourglass-shaped aluminum column, cast aluminum base, and 36” or 42” dia. stainless steel table tops with Eco-Etch or perforated Citrus design and optional powdercoat colors.
COLUMN TABLE

Stainless steel columns with round bases and round, square or rectangular stainless steel table tops in a variety of sizes and design variations.
CROSS TABLE

Stainless steel columns with cross-shaped bases have round, square or rectangular stainless steel table tops in a variety of sizes and design variations.
TABLES & CHAIRS OVERVIEW

TANGENT (pg 105)

APEX (pg 107)

KNIGHT (pg 109)

TRIO (pg 111)
Forms+Surfaces outdoor lighting blends precision craftsmanship, LED technologies, and durable, high-performance green materials and finishes. Our line includes a wide range of aesthetics and standard designs, as well as impressive customization potential. Interrelated products readily accommodate a project’s different lighting needs. Illuminated and non-illuminated bollards, bollards with security core variations, and matching pedestrian fixtures are among the options.
light bollards

Forms+Surfaces bollards are a proven choice for public spaces of all kinds. Illuminated designs can be used to brighten walkways and footpaths, and security core variations are an excellent way to guard against vehicle infringement while allowing pedestrian access.
RINCON

4.5” square stainless steel bollards offer the performance of Cree® LEDs, optional directional shields for 1-4 sides, standard or custom shield patterns, and an overall height of 36”.
TANGENT

Cast aluminum light bollards have a powdercoat finish, edge-lit LED light panel, directional shield option, and an overall height of 41".
LIGHT COLUMN

5” or 6” dia. stainless steel bollards: LED or linear fluorescent lamps; optional 180° or 360° shields in standard or custom designs; and security, removable & non-illuminated variations.
Bollards of powdercoated aluminum have CFL or HID lamping, optional directional shields, security bollard options, and a standard overall height of 43".
CORDIA

LED bollards feature a round-to-square profile, powdercoated aluminum construction, 360° standard light output, optional 180° shield, and an overall height of 38".
TRIO

Aluminum light bollards have a powdercoat finish, CFL lamp, and an overall height of 43".
TRIADA

Cast aluminum light bollards have a powdercoat finish, LED, CFL or HID lamps, 180° or 270° directional shield options, and an overall height of 42".
LIGHT BOLLARDS OVERVIEW

RINCON (pg 129)  
TANGENT (pg 131)  
TRIADA (pg 141)  
LIGHT COLUMN (pg 133)  
KNIGHT (pg 135)
CORDIA (pg 137)  TRIO (pg 139)
Forms+Surfaces pedestrian lighting is the perfect complement to our light and security bollards, and to all of our site furniture products. Whether you’re illuminating a footpath, boardwalk or park, our pedestrian lighting fixtures bring form and function to light.
4.5” square stainless steel pedestrian lighting fixtures have a sleek 7.5” base, the performance of Cree® LEDs, and an overall height of 117”.
CORDIA

Aluminum pedestrian lighting fixtures have a powdercoat finish, symmetrical light pattern, LED lamps, and a standard overall height of 138” with variable height options.
**LIGHT COLUMN**

Stainless steel fixtures have optional standard or custom 180° or 360° directional shields, LED or linear fluorescent lamps, and a standard height of 133” with variable height options.
Aluminum pedestrian lighting fixtures have a powdercoat finish, symmetrical light pattern, MH or HPS lamps, and a standard overall height of 138” with variable height options.
Aluminum pedestrian lighting fixtures have a powdercoat finish, linear LED or linear fluorescent lamps, and a standard overall height of 135" with variable height options.
Aluminum pedestrian lighting fixtures have a powdercoat finish, symmetrical light pattern, MH or HPS lamps, and a variable overall height from 118" - 166".
Indirect pedestrian lighting fixtures of powdercoated aluminum feature performance LEDs and a standard overall height of 195" with variable height options.
PEDESTRIAN LIGHTING OVERVIEW

RINCON (pg 147)  
CORDIA (pg 149)  
LIGHT COLUMN (pg 151)  
KNIGHT (pg 153)
TRIO (pg 155)

TRIADA (pg 157)

3RIVERS (pg 159)
Forms+Surfaces products offer cohesive solutions for public spaces of all kinds—outdoors, indoors, and virtually anywhere in between. Whether combining elements from a single family or drawing on products from multiple groups, our line makes it easy to carry design and material themes across a property while meeting diverse functional needs. The following pages show just some of the possibilities. For more ideas, please visit our website.
CORDIA FAMILY

Cordia bench, litter & recycling receptacle, bike rack, bollard and pedestrian lighting
APEX + CAPITOL + KNIGHT

Apex bench, litter & recycling receptacle, and table ensemble; Capitol bike rack; Knight bollard
KNIGHT FAMILY

Knight bench, litter receptacle, table ensemble, bollard, and pedestrian lighting
FORMS + SURFACES
TRIO + DISPATCH

Trio bench, bike rack, table ensemble, bollard, and pedestrian lighting; Dispatch litter & recycling receptacle
Tangent rail seating; Tangent table ensemble with Soleris sunshade; Tangent bollard; Olympia bike rack; Dispatch litter & recycling receptacle
Camber + Dispatch + Bike Garden + 3Rivers

Camber bench; Dispatch litter & recycling receptacle; Bike Garden bike rack; 3Rivers pedestrian lighting
The materials and finishes we use in our products are an integral part of each design.

A material must be beautiful, and appropriate for expressing a given aesthetic. It must look good on its own but pair equally well with adjacent materials and finishes. It should span multiple product lines—so designs can work together. And it must complement the various settings it will ultimately call home.

In terms of performance, our guiding belief is this: materials that endure contribute to products that endure. We select materials and finishes that withstand the challenges of public spaces and perform well over time.

Finally, on the environmental front, we give you choices you and your customers can feel good about. Our products emphasize stainless steel, aluminum, FSC® Certified hardwoods, and low- and no-VOC finishes. They feature high recycled content and high recyclability. And they require minimal maintenance—without harsh cleaners.
**STAINLESS STEEL**

Unmatched in quality and beauty, stainless steel offers superior longevity and performance, even in the most demanding public environments.

Stainless steel is the basis for many of our site furniture and outdoor lighting designs. It’s a material that aligns with our contemporary aesthetic, and one we love for its exceptional corrosion resistance, easy maintainability, long lifecycle, and high recycled content and recyclability.

We use stainless steel in place of carbon steel in most of our Site and Lighting products that incorporate steel—even under powdercoat finishes. In fact, all of our mounting hardware is stainless steel too.

Why? Because stainless steel helps ensure that our products won’t succumb to unsightly corrosion. This means that they, and the projects in which they are placed, remain as beautiful over time as the day they were installed.

Stainless steel also affords numerous design and surface treatment options. You’ll find many variations within our product line—from High-Durability finishes to eco-friendly Eco-Etch patterns to light-shifting perforations. For product-specific details, please visit our website.

_Bike Garden bike racks with Satin finish | Light Column bollard shield in Satin finish with Scape perforation_
Citrus table top with Satin finish | Orbit litter & recycling receptacle with Seagrass Eco-Etch accent panel | Ratio bench seat with Sandstone finish
All of the hardwoods used in our site furniture products are FSC® 100% or FSC® Recycled.

In 2008, we made the decision to set ourselves apart as a company by using only FSC® certified woods for all of our outdoor wood products, at no additional cost to our customers—not because it was the easy thing to do, but because it was the right thing.

The FSC® 100% rating means that 100% of the wood, including Ipé, is harvested from forests that are legally run, environmentally sustainable, have a long-term management plan, and are socially responsible to their local villages and communities.

FSC® Recycled woods eliminate the need to cut down new trees and allow us to provide beautiful, strong, time-tested hardwoods.

While options vary per product line (you’ll find specifics on our website), all of our hardwoods offer superior resistance to moisture, insects, fire, vandalism and decay, and all are sustainable, environmentally responsible choices you can feel good about specifying.

FSC® 100% Ipé—aka Brazilian Walnut—the hardest and most durable of our hardwoods, rates an impressive 3684 on the Janka hardness scale (for reference, Black Locust is rated 1700 and Red Oak is rated 1290).
FSC® 100% Jatoba—aka Brazilian Cherry—rates 2350 on the hardness scale and can vary in color from a rich tan to a deep red.

FSC® Recycled Reclaimed Cumaru. This beautiful hardwood is repurposed from renovation projects and brings a bit of the past to the present.

FSC® Recycled Reclaimed Teak. Extremely durable and weather resistant, our reclaimed Teak has been hand salvaged from old, neglected buildings.
Aluminum combines the best of many worlds: it’s durable, corrosion-resistant, lightweight, and has high recycled content and recyclability.

Many of our Site and Lighting products incorporate aluminum—in the form of castings, extrusions, plate material, and/or some combination of the three. Our aluminum, like all of our materials, has its own inherent advantages, several of which are listed above.

In addition, for improved long-term performance, our aluminum castings go through a pre-treatment process that increases their corrosion resistance. The treatment helps our powdercoat finishes adhere to the aluminum substrate and prevents corrosion should the powdercoat finish be damaged or broken.

Our aluminum extrusions are also carefully considered. At the outset of a product’s design, specific criteria factor into the bigger picture: extrusions must contribute to a product’s overall aesthetic yet add appropriate functional support. To achieve this, precise engineering and manufacturing yield crisp lines and ensure each extrusion’s solid fit with other components.

Capitol bike rack, Aluminum Texture powdercoat  |  Camber bench, Aluminum Texture powdercoated leg, Slate Texture slats
Dispatch litter & recycling receptacle, Slate Texture powdercoated lid, Aluminum Texture body | Trio bollard, Slate Texture powdercoat | Vector bench, Argento Texture powdercoat
Our versatile powdercoat color palette allows you to carry a look across products or tailor designs to meet project-specific color schemes.

Forms+Surfaces powdercoat colors are formulated to be ultra durable for improved long-term wear and resistance to weathering. They’re also anti-graffiti, which means marks from paint, permanent markers, and dirt can be easily removed.

Our colors have been chosen to look good on their own, and complement other F+S materials and finishes. In addition to the standard options shown here, custom RAL colors are also available.

All of our standard powdercoat colors are no-VOC. Non-standard powdercoat colors are low- or no-VOC, depending on color selected.
*Due to the inherent nature of metal castings, gloss powdercoats are not offered for cast components.
For over five decades we’ve worked with our clients to develop real-world design solutions. These collaborations have informed our product lines, yielded expertise on numerous fronts, and equipped us with a sophisticated understanding of the challenges our customers face every day.

We’ve also invested steadily in high-end manufacturing facilities and equipment, innovative materials and finishes, and the skilled professionals that make up our team.

The result? Adaptable designs that invite creativity. Time-tested interrelated products that meet the needs of today’s public spaces. And an organization with the capabilities, agility and drive to respond to new opportunities without missing a beat.
BEYOND STANDARD

Our products give you unparalleled creative reach. But if your needs go beyond our standard options? We’re here to explore the possibilities with you.

Many of our standard products can be modified, or used as inspiration for something completely new.

Modified standard products are a great way to take an existing design beyond its normal configuration options—for example, by adding graphics or branding, or altering a product’s size, material, finish, or component mix.

Fully custom designs go a step further. Working to your design vision, we start from scratch and build from the ground up. Custom site furniture and lighting, transit shelters, metalwork, and other site-specific fabrications are among our unique customer collaborations.

With more than 50 years of materials and manufacturing expertise and a vast portfolio of successfully completed projects around the world, Forms+Surfaces is a compelling choice for innovative project solutions.

Intrigued? Give us a call—let’s see if we can turn your creative vision into installed reality.

Custom Hudson benches | Custom stainless steel monument
Our interrelated product lines make it easy to carry design and material themes across a property.

Within the Forms+Surfaces line you’ll find:

**Surfaces** – our extensive palette of materials, finishes and patterns that can be specified as sheet goods or used in many F+S products.

**Systems** – the systems we’ve designed to accommodate our Surfaces: walls, LightPlane Panels, elevator interiors, elevator doors, columns, railings, doors & door pulls, and information displays.

**Site Furniture** – as shown on the preceding pages, a versatile group that includes benches, bike racks, litter & recycling receptacles, sunshades, tables and chairs.

**Outdoor Lighting** – also shown on the preceding pages, our collection of bollards and pedestrian lighting fixtures, all shaped by contemporary designs and precision craftsmanship.

ViviGraphix Elements glass  |  Bonded Metal doors and Rectangular door pulls  |  LEVELe wall cladding system with ViviGraphix Spectra glass
Silhouette railings with cable infill | Silhouette railings with glass infill | ViviGraphix Graphica glass | ViviGraphix Graphica glass in custom wall panels
interactive design tools

Use our interactive Design Tools to bring your creative vision to life. Located on our website, each application in this growing collection blends sophisticated design functionality with an intuitive, easy-to-use interface.

Our Zoom Digital Darkroom makes it easier than ever to bring nature’s beauty to large-scale glass applications. This dynamic design tool builds on the photographic capabilities of our Spectra glass, offers incomparable customization potential, and gives you infinite ways to transform public spaces with stunning high-resolution photography of the natural world.

Our Augmented Reality app puts visualization within reach of your mobile device with dynamic 3D models that offer a real-world view of some of our most popular site furniture products. The app lets you view designs in any setting you choose so you, and your customers, can envision the end results.
The Zoom Digital Darkroom is a revolutionary way to use our VividGlass line to bring a unique photographic perspective to your architectural glass applications.

Part interactive design studio, part curated photo library, the Zoom Digital Darkroom gives you access to Spectra Zoom images — our growing collection of large-scale, super-high-resolution photos created using sophisticated gigapixel image capturing equipment. Offering breathtaking visual possibilities, Zoom images range from sweeping panoramic vistas to intriguing close-ups of nature as you’ve never seen it before.

As comprehensive as it is intuitive, the Zoom Digital Darkroom lets you explore ideas, configure designs, and request budget pricing — all from within a single, easy-to-use application.
The Zoom Digital Darkroom gives you the tools you need to build your Zoom designs. From within the app you can select images, size, scale and crop your photos, zoom in or out, and use the design board to assemble your work.

What you see here is just a starting point. Visit our website to discover what’s new and to realize the full potential of the Zoom Digital Darkroom: www.zoomdigitaldarkroom.com.

Zoom images bring the beauty of nature to any space. Browse the Zoom photo library; you’ll find extraordinary literal and abstract views of the world around us.
Our augmented reality app puts visualization within reach of your mobile device with dynamic 3D models that give you a real-world view of some of our most popular site furniture products. You can see designs up close, view them from multiple angles, ‘apply’ them to any setting, and get a feel for the end result.

The app relies on sophisticated technology that pairs the use of a printed ‘tracking marker’ with the camera on your smart phone or tablet. To see it in action:

- Position the tracking marker (page 199) in your desired location – the area to which you’d like to ‘apply’ your product.
- Download and launch the Forms+Surfaces app from the Apple App Store or Google Play.
- Select ‘Site Furniture’ from the on-screen menu.
- Browse the options. When you reach your product of choice, tap ‘visualize’ and aim your mobile device camera at your marker.

This will generate a realistic 3D model you can use to simulate your vision and explore the design possibilities.

To print out additional tracking markers and learn more about Augmented Reality, visit www.forms-surfaces.com/augmented-reality.
(above) augmented visualization of selected Apex Litter & Recycling Receptacle

(top) moving closer to marker; (bottom) different powdercoat color selected
The Forms+Surfaces augmented reality app puts visualization within reach of your mobile device with dynamic 3D models that give you a real-world view of some of our most popular site furniture products. You can see designs and materials up close, ‘apply’ them to any setting, and get a feel for the end result. The app relies on sophisticated technology that pairs the use of a printed ‘tracking marker’ with the camera on your smart phone or tablet.

Try it for yourself: Download the Forms+Surfaces App from the Apple App Store or Google Play. Place the marker on the other side of this card in your desired location, then proceed through a few simple steps:

1. Select a product from the menu
2. Tap the “visualize” button
3. Aim your camera at the tracking marker
4. View the product from any angle

To print out additional tracking markers and for more information, visit www.forms-surfaces.com/augmented-reality
Cut here, then place the marker in your desired location.
The Forms+Surfaces augmented reality app puts visualization within reach of your mobile device with dynamic 3D models that give you a real-world view of some of our most popular site furniture products. You can see designs and materials up close, ‘apply’ them to any setting, and get a feel for the end result. The app relies on sophisticated technology that pairs the use of a printed ‘tracking marker’ with the camera on your smart phone or tablet.

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1. Select a product from the menu
2. Tap the “visualize” button
3. Aim your camera at the tracking marker
4. View the product from any angle

To print out additional tracking markers and for more information, visit www.forms-surfaces.com/augmented-reality
## ADDITIONAL RESOURCES

**Visit Our Website: www.forms-surfaces.com**

Updated regularly, our website is a comprehensive resource designed to help you discover what’s new and stay up-to-date on product and company developments. In support of our Outdoor Products, you’ll find:

+ Product Data Sheets
+ Technical Specs
+ Installation Instructions
+ SketchUp Models
+ Environmental Data
+ Image Galleries
+ Project References

**Contact Us**

Contact Forms+Surfaces for additional information about any of our products or to reach a sales representative in a territory near you.

+ Telephone: 800.451.0410
+ General Inquiries: marketing@forms-surfaces.com
+ Sustainability: green@forms-surfaces.com

**U.S. Locations**

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<tr>
<th>State</th>
<th>Address</th>
<th>Telephone</th>
<th>Fax</th>
</tr>
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<tr>
<td>PENNSYLVANIA</td>
<td>30 Pine Street, Pittsburgh, PA 15223</td>
<td>800.451.0410</td>
<td>412.781.9003 F 412.781.7840</td>
</tr>
<tr>
<td>CALIFORNIA</td>
<td>6395 Cindy Lane, Carpinteria, CA 93013</td>
<td>800.451.0410</td>
<td>F 805.684.8620</td>
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<tr>
<td>ARIZONA</td>
<td>1025 North 71st Avenue, Phoenix, AZ 85043</td>
<td>800.451.0410</td>
<td>F 623.594.6312</td>
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<th>International Locations</th>
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<th>MIDDLE EAST</th>
<th>INDIA</th>
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<tr>
<td></td>
<td>88 Kingsway</td>
<td>Suite B 307, Dubai Silicon Oasis</td>
<td>Office No. 104, Pentagon 4, Magarpatta City, Hadapsar, Pune 411028, MH, India</td>
</tr>
<tr>
<td></td>
<td>London WC2B 6AA, UK</td>
<td>PO Box 341052, Dubai, UAE</td>
<td>+91 20 30492400</td>
</tr>
<tr>
<td></td>
<td>+44 203 755 3731</td>
<td>+971 4 501 5605</td>
<td>F +971 4 501 5606</td>
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<td>F +44 207 841 1001</td>
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<th>HONG KONG</th>
<th>SINGAPORE</th>
<th>THAILAND</th>
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<tr>
<td>11/F, AXA Centre,</td>
<td>1, Jalan Saudara Ku, Singapore, 457438</td>
<td>37th Floor, Sathorn</td>
</tr>
<tr>
<td>151 Gloucester Road,</td>
<td>+65 6241 0206</td>
<td>Square Office Tower</td>
</tr>
<tr>
<td>Wanchai, Hong Kong</td>
<td>F +65 6441 1185</td>
<td>98 North Sathorn Road</td>
</tr>
<tr>
<td>+852 25823742</td>
<td></td>
<td>Silom, Bangrak,</td>
</tr>
<tr>
<td>F +852 30113864</td>
<td></td>
<td>Bangkok 10500, Thailand</td>
</tr>
</tbody>
</table>

**TAIWAN**

No. 18, Ln. 238, Gongye Road
Longjing District,
Taichung City 434,
Taiwan (R.O.C.)

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