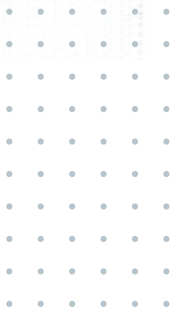
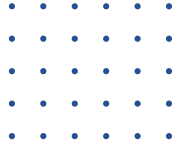


DAWSON

A PREMIER AMERICAN METAL FABRICATOR SINCE 1946.



TRANSCEND THERMALLY BROKEN ENTRANCE

www.dawsondoors.com



“



DAWSON really has the engineering and design nailed. DAWSON doors are very sophisticated and usually quite conservative in design. But this one, really blows away anything else on the market in looks and design. They really did the homework on this one.

Joel Valdez | Steel Encounters

”



DAWSON

DOOR PRODUCT /

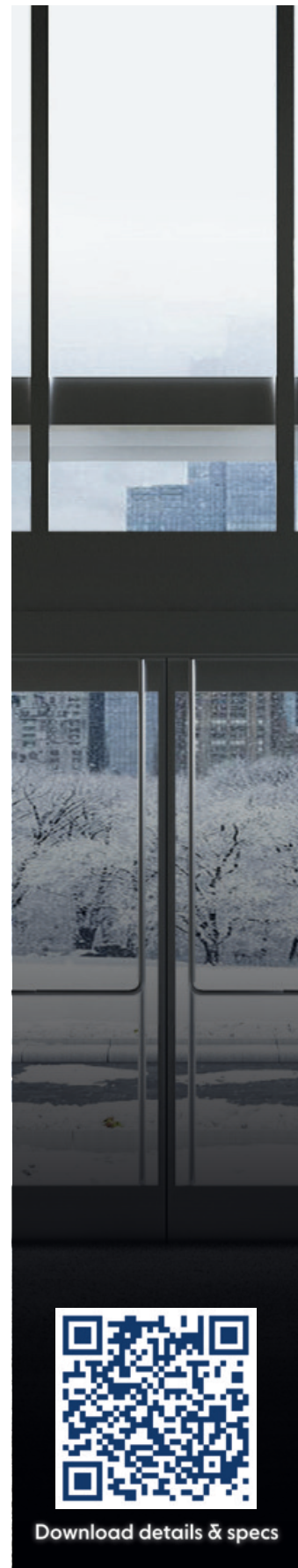
TRANSCEND THERMALLY BROKEN ENTRANCE

A new door that separates
DAWSON from the competition.

Transcend Series is the DAWSON engineered Thermally broken solution, available in both Ultra Narrow Stile and Seamless, medium stile, door designs.

Transcend exceeds all other high-end thermally broken entrances on the market. With an unmatched reputation for quality and durability, DAWSON provides a modern and versatile design with a thermal break that boasts the industry's lowest U-Value for energy loss, meeting or exceeding all American Society for Testing & Materials (ASTM) standards while remaining customizable.

Its innovative, beautiful, and highly functional construction benefits the performance of the building while its fully-assembled construction saves the customer time and money on installation.



INDUSTRY-LEADING ATTRIBUTES:

INDUSTRY-LEADING ENERGY EFFICIENCY

- Air leakage rate across specimen tested at @1.57 psf (25 MPH) Per ASTM E283-04(12)
 - Tested result: 0.19 cfm/ft²
- Test Specimen: two (2) operable leaves of center-pivot entry doors and immediate door frame

UNPARALLELED AESTHETICS

- Truly thermally broken doors with no mechanically fastened interior-to-exterior assembly components
 - All entrances arrive crated and ready to install
- Ultra-Narrow 1 ½" x 2 ¼" thick vertical stiles
- Stainless steel or brass in factory applied #4 & #6 Satin, #8 Mirror and Non-Directional finishes; powder-coated or wet-paint finish are also available
- Maximum door sizes for fully warranted thermally broken doors:
 - 36" W x 120" H
 - 42" W x 111" H
 - 48" W x 108" H

INDUSTRY-LEADING THERMAL EFFICIENCY

- Tested rate: 0.40 BTU/hour*ft²*F° with glass SHG of 0.268 Per NFRC 100 procedure, ISO 15099 standard; using THERM 7.7.10 and WINDOW
- 1" insulated Low-E glass:
 - Exterior air temperature of -0.4°F
 - Interior ambient temperature of 69.8°F
 - Exterior wind velocity of 12.3 MPH
- U-Value specimen: two (2) operable leaves of Ultra-Narrow Stile (UNS) Stainless Steel, center-pivoted entry doors and immediate door frame
- Thermally broken door utilizes debridged aluminum extrusions with urethane AZON thermal pour (U-value 0.07)

INDUSTRY-LEADING EASE OF INSTALLATION

- Reduced labor requirements
- No additional field assembly required
- No field glazing or glazing adjustments after assembly
- Doors shipped factory glazed, immediate frame fully assembled with applicable hardware installed
- Full height, factory fit tubular push/pull sets and panic devices shipped fully installed

INDUSTRY-LEADING AT 1.0 PSF WATER INFILTRATION EFFICIENCY

Static water penetration at zero leakage with 1.0 psf pressure applied for 15 minutes Per ASTM E331-00(16), for resistance to water penetration under the air pressure differences of 1.0 psf (20 MPH) for a minimum duration of 15 minutes of direct nozzle spray at a rate in excess of 425 gallons per hour.

WHY CHOOSE A DAWSON THERMALLY BROKEN ENTRANCE?

Thermally broken entrances solve an otherwise unavoidable problem: damage from condensation. When non-thermally broken doors are used between differing interior/exterior temperatures, the metal frame remains cold as it loses heat to the outside. Condensation forms on this cold inner surface, frost build-up begins, and the door's insulation system is compromised. Over time, as condensation continually leaks down the door and onto the floor and surrounding areas, larger problems arise and degrade the entire system.

A DAWSON thermally broken entrance automatically delivers:

- Dramatically improved heating and cooling costs
- Fully-glazed door using 1" low-E insulated glass
- Overall NFRC U-value greatly surpasses current energy requirement of 0.77
- Much higher condensation resistance factor, reducing inferior frost build-up
- Customized complete-system U-values available upon request, for specific thermal analysis of non-typical entrance

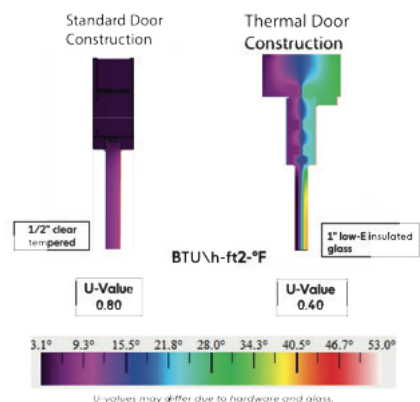


**Note that frost is contained to the outside part of the frame (pictured above)*

EXAMPLE:

DAWSON Thermally Broken Entrance

- Total calculated U-value of this DAWSON entrance is 0.400 (Btu/hft²-F)
- Glass solar heat gain coefficient (SHGC) is 0.268 (1" low-E insulated glass)
- Calculations are based on NFRC 100 standards with an exterior air temperature of -0.4°F, an interior ambient temperature of 69.8°F, and an exterior wind velocity of 12.3 MPH



TRANSCEND THERMALLY BROKEN ENTRANCE

KEY FEATURES

OUR QUALITY IS UNMATCHED

From concept to installation, our quality in service and manufacturing is the reason customers have chosen DAWSON for nearly 80 years.

CUSTOM CONFIGURATIONS

DAWSON can help you find the right hardware solution to fit your unique needs.

CUSTOM DESIGN

We provide complete project flexibility in size, material and look through our talented DAWSON engineers & laser capabilities.

CUSTOM FINISHES

Get the material with the look you want, whether retail, commercial, or residential. From mirror polished, non-directional to painted and any number of satin finishes.

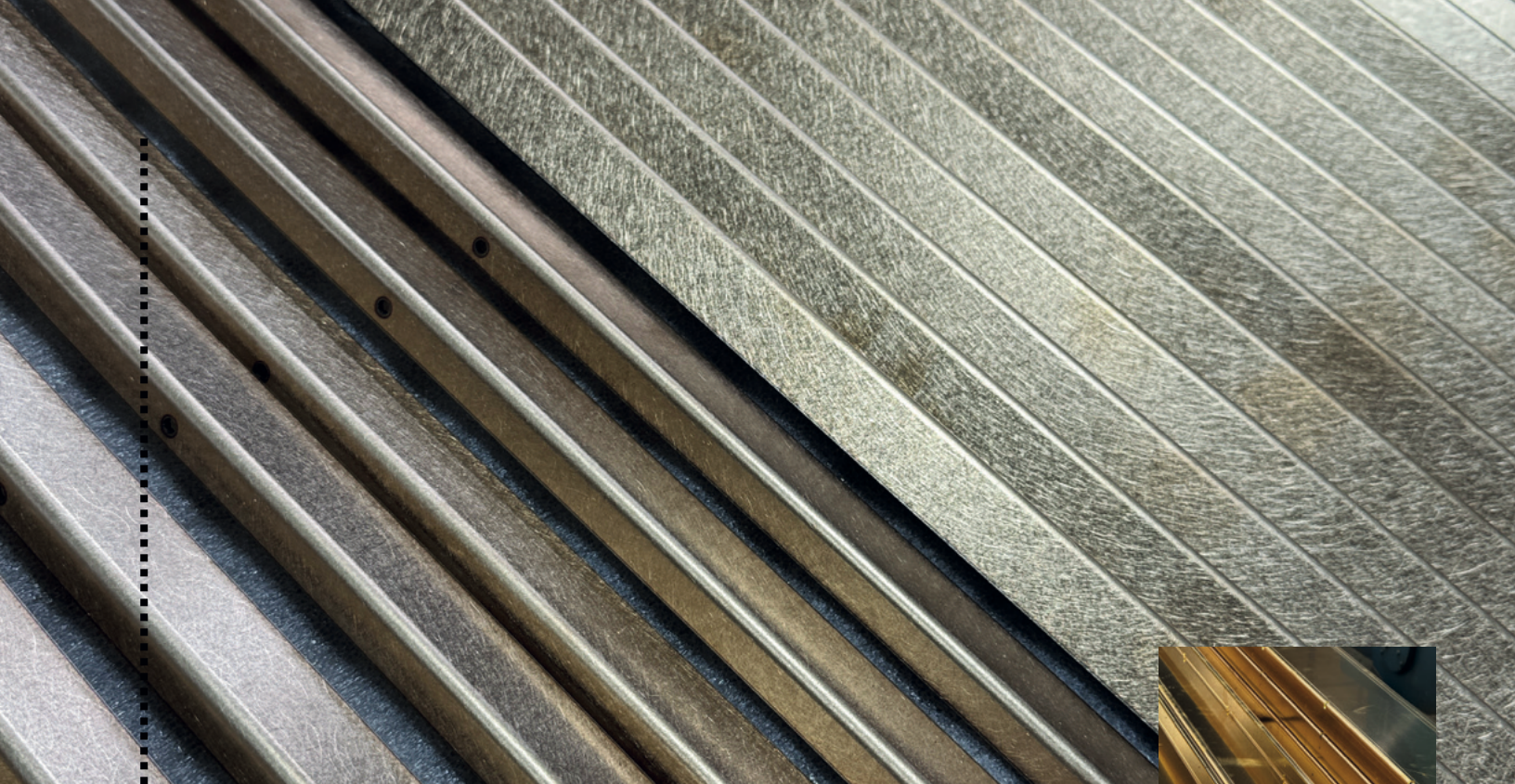
BEST IN-CLASS MANUFACTURING

Strong, durable and corrosion-resistant materials protect against all conditions.

WARRANTY UP TO 10 YEARS

DAWSON stands by its quality engineered products and advanced manufacturing processes. The DAWSON Transcend Thermally Broken Entrance series ships with up to 10 years of warranty depending on product specifications and hardware application.



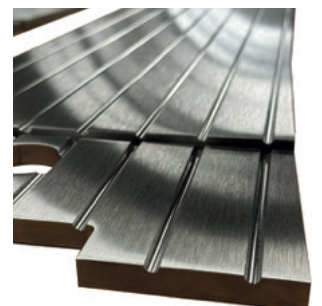
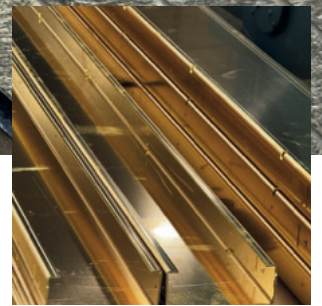


MORE THAN JUST DOORS

Since 1946, DAWSON has been a world leader in sheet metal solutions for the architectural industry. From our first in class thresholds, to custom arched transoms & column covers, we can manufacture anything a project requires.

DAWSON combines decades of technique with the latest technology in order to produce for our customers.

With complex architectural projects, don't settle for limited options — when it comes to your design, DAWSON delivers.



The DAWSON Difference



CUSTOMER COLLABORATION

Dedicated DAWSON engineers enable you to design your entrances with the same style and function as your building.



SUPERIOR DESIGN

Seamless doors with laser-cut pans from single sheets of material. Adjustable balanced options with zero floor prep. Fully assembled doors and frames for quick, hassle-free installation.



LOWER COST

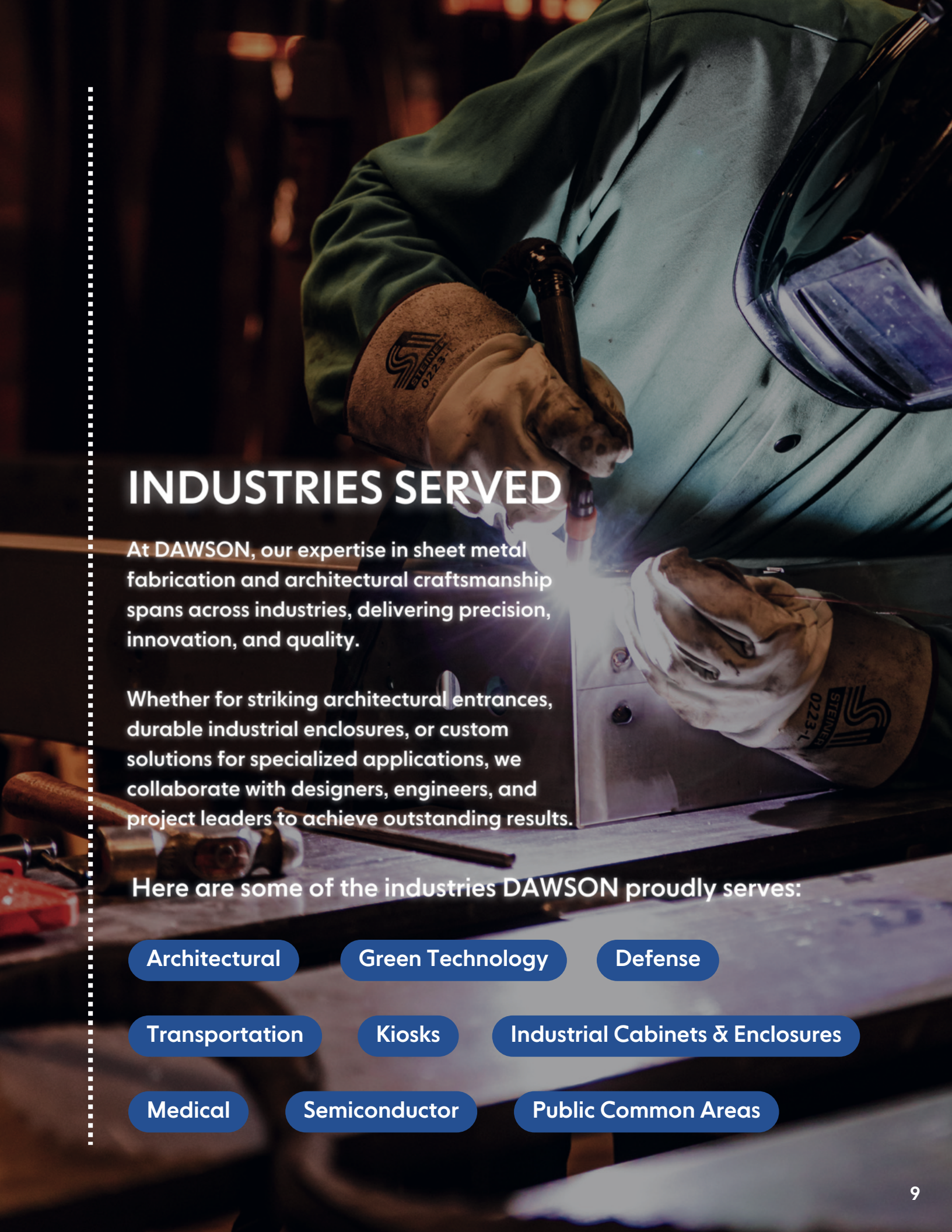
No dissimilar metal reaction costing extra maintenance. With more customization than anyone else, DAWSON can offer options to build your concept to your budget.



MULTIPLE DOOR TYPES & MATERIAL OPTIONS

Material shapes the look and feel of your entrance, which is why we offer more metal and finish options than anyone else. We build to your vision, not limitations.





INDUSTRIES SERVED

At DAWSON, our expertise in sheet metal fabrication and architectural craftsmanship spans across industries, delivering precision, innovation, and quality.

Whether for striking architectural entrances, durable industrial enclosures, or custom solutions for specialized applications, we collaborate with designers, engineers, and project leaders to achieve outstanding results.

Here are some of the industries DAWSON proudly serves:

Architectural

Green Technology

Defense

Transportation

Kiosks

Industrial Cabinets & Enclosures

Medical

Semiconductor

Public Common Areas



DAWSON

A family-owned and operated business since 1946, Dawson Doors is the leading manufacturer of high quality architectural products offering balanced and standard swing doors and entrances. Our entrances are manufactured from the highest quality stainless steel and bronze materials. We provide exquisite entrances to some of the most prestigious buildings around the country and throughout the world.

www.dawsondoors.com

825 Allen Street, Jamestown, NY 14701

