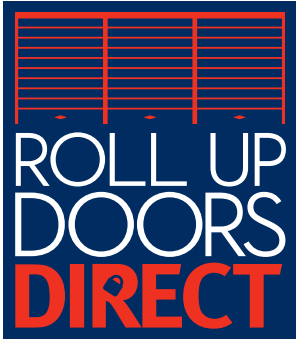
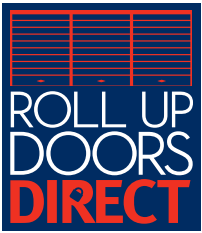


ROLLING SERVICE PRODUCTS



superior product + recognized value



SD10 interior doors installed on storefront



Rolling Service Doors

Constructed of readily available materials and easily serviced components, the Roll Up Doors Direct Service Door embraces the idea of user friendly products that incorporate durability, simplicity and serviceability as common standards. All models may be engineered for increased windload potentials, cycle life requirements and impact resistance. Features such as structural guides with service cutouts, clean, architecturally pleasing half hexagonal hoods, and superior finish standards distinguish the SD Series. These practical innovations are enhanced by the aesthetic appeal a Roll Up Doors Direct door adds to any building, combining maximum security with modest operating costs and post - service recyclability.

Service Door Models

SD10: The cornerstone of the Roll Up Doors Direct rolling steel line. SD10 doors are available with three slat profiles in flat and curved configurations and include structural steel guides and bottom bars with a highly attractive, medium gloss black powder coat finish as standard. Modern upgrades, owner friendly features and aesthetically pleasing structural designs distinguish the SD10 as a class leader.

SD20: A fully weatherstripped version of the SD10 when an insulated curtain is not required, but high resistance to air, insect and debris infiltration is demanded. Neoprene hood baffle, vinyl blade guide seal and soft, wide bottom bar astragal are standard on this model.

ID25: The premium insulated rolling door system engineered to maximize heat savings, cycle life durability, windload capability and impact resistance. The ID25 demonstrates outstanding value and performance per dollar invested over conventional insulated rolling door designs.

Standard SD/ID Series Features & Benefits:

- Slat Profiles: Flat, insulated flat, perforated and fenestrated flat, large and small curved
- ID25 flat slat insulated with a continuous foamed-in-place polyurethane core
- Guides, headplates, brackets and components are shot peened, powder coated and baked
- Guide service cutouts standard for faster, safer curtain installation and service
- Etched serial numbers during manufacture for permanent field identification
- Double angle structural steel bottom bar with rubber astragal for a positive floor seal
- Structural half hexagonal one-piece hood with optional round hood profiles
- Cast iron chain hoist operation standard with motor or manual operation optional
- Headroom issues are minimized by optimized headplate sizes
- Stress-relieved, permanently lubricated 20,000 cycle springs with 50,000, 75,000 and 100,000 cycle options available
- Six standard baked on enamel curtain finishes: grey, white, tan, bronze, orange and galvalume
- 188 standard ColorFast™ powder coat color options
- Three year standard warranty on workmanship and materials
- Nationwide dealer network to ensure professional installation and maintenance of Roll Up Doors Direct commercial products
- Roll Up Doors Direct rolling steel products utilize a high percentage of recycle content in their manufacturing and packaging and are entirely recyclable at the end of their duty life



SD Series doors at a water treatment facility

About the ID25 Insulated Service Door:

Roll Up Doors Direct has developed safe, environmentally responsible procedures for continuous foamed-in-place slat technology, eliminating several key performance issues that the door industry has faced for decades. The ID25 meets and exceeds thermal performance demands with significant reductions in sprung weight – the nemesis of a high performance rolling steel door. This has further enabled increased windload capabilities and impact resistance.

Roll Up Doors Direct chose the select path of being a globally conscious manufacturer by engineering an insulated service door with reduced raw material requirements, superior environmentally-safe insulation and coatings, permanently finished components and improved counterbalance performance. Our insulated service doors feature advanced user-friendly design, higher life cycle expectancy and reclaimable construction.

The ID25 Process:

Pre-finished coil stock is rollformed and injected with polyurethane foam using a computer monitored, continuous foamed-in-place process that yields consistent foam densities and slat weights. This is an important key to exceptional thermal properties. This proprietary process eliminates any possibility of voids, density changes or environmental contamination. R-Value is 7.7

ID25: Performance on Demand

Because of the high strength modulus created from the urethane bonding process, the result is a rolling steel door curtain that is highly resilient to temperature, windload, sun exposure and other environmental stresses while achieving maximum energy efficiency. Our manufacturing process has greatly reduced waste, the demand placed upon raw materials, input energy and shipping expense while offering the end user a robust, highly efficient insulated rolling door. Finish may be selected from five standard exterior colors and four standard backer and hood colors. Standard curtain gauge is 24g face with a 24g backer. Gauge options include 22/24, 22/22, 20/24, 20/22 and 18/24 face and back gauges, respectively. Aluminum and stainless steel are available as well.

SD/ID Weatherseals

Full perimeter weatherseal starts at the floor with flexible bulb astragal. The vertical guides are sealed with flat blade vinyl seal. The half hexagonal structural hood of the SD/ID Models features an internal baffle that prevents air infiltration and insect/bird encroachment. Header brush seal may be added as a secondary barrier to the elements.

SD/ID Windload, Seismic and Impact Resistance

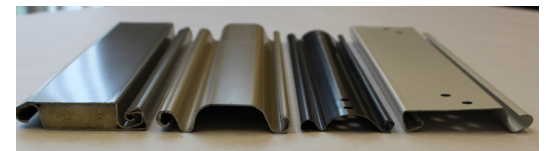
Our SD/ID Series service doors have been tested to ASTM E 330 and ANSI/DASMA 108 test standards and are certified to meet International Building Code requirements. Numerous engineering designs are available to meet specific regional needs based on local geography and the location of the door on the building. In addition, our doors have been tested and certified for Wind Borne Debris Impact Resistance per TAS 201, TAS 203 and ANSI/DASMA 115. Seismic calculations are fee based and are available upon request.



Perforated doors offer maximum security, visibility and ventilation



Over 90 SD10 doors installed at a Las Vegas loading dock

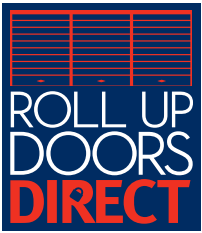


We offer four slat profiles: insulated, large curved, small curved, flat



Perforated curtain with nylon endlocks in an underground parking garage application

superior product + recognized value



A 25'x28' SD20 service door installed 58 feet off the ground in a Florida hangar

SD/ID Service Door Series Spec Data

SD Curtain: Prefinished 24, 22, 20 and 18-gauge galvanized steel interlocking roll-formed slats in F8265 flat (2.63" x .66"), C8265 (2.62" x .66") or C8187 curved (1.97" x .53") profiles. Also available in clear anodized 18 gauge aluminum and 22 gauge #4 finish stainless steel. Perforated curtains with 40% free airflow.

ID Curtain: Prefinished 24, 22, 20 and 18-gauge galvanized steel interlocking roll-formed slats in F1265 (2.65" x .66") profile. Also available in clear anodized 18 gauge aluminum (with a 20 gauge backer) and 22 gauge #4 finish stainless steel. Curtains are insulated with a continuous foamed-in-place polyurethane core and a standard 24 gauge back cover. R-Value is 7.7 as calculated per ASHRAE Standards.

Endlocks and Windlocks: Plated malleable cast iron or high strength nylon to provide a wear surface for curtain slats and windlocks as required per design to meet windload code and specifications.

Bottom Bar: Extruded aluminum mill finish T-type to 16'4" width or powder coated steel angles bolted back-to-back for all sizes, with tubular compression weather seal and/or optional safety reversing sensing edge.

Barrel Assembly: Steel pipe, sized to limit deflection to no more than .03" per foot of width, with graduated rings or lugs welded to barrel for curtain attachment.

Springs: Torsion springs, permanently lubricated and mounted on steel tension shafts; designed for 20,000 cycles minimum. Optional 50,000, 75,000, 100,000 and max-life cycle life designs.

Headplates: Rectangular powder coated steel plates of suitable size to support barrel, curtain, drive assemblies and hood.

Guides: Standard three structural steel angles powder coated and bolted together to form a curtain guide channel and jamb mounting surface with flared bellmouths, removable curtain stops and removable service cutouts. Optional mill finished aluminum or stainless steel structural angles.

Bottom Bar: Structural steel, clear anodized aluminum or stainless steel angles when used with no locks or inside slide locks. Structural steel angles or stainless steel angles or mill finished aluminum when used with cylinder locks.

Hood: Half hexagonal shape fabricated from minimum 24 gauge prefinished galvanized steel with intermediate structural supports furnished as required per design. Optional round hood shapes.

Weatherstripping: F8265 flat slat curtain with vinyl jamb seal and internal hood baffle. Header brush seal is optional.

Operation: Chain hoist standard on all sizes. Manual push-up operation, awning crank operation, gearhead or hoist motor operation with soft start, soft stop features for high endurance and max-life cycle designs.

Safety: UL 325 compliant photo eyes or optional safety contact reversing edges when motor operated.

Locking: Wall-mounted chain keeper, plated steel slide bolt locks with padlock provisions or cylinder locking.

Finish: Curtain slats and hood are hot-dipped galvanized, per ASTM A653, with baked-on epoxy primer and polyester finish coat. Manufacturer's standard paint finishes: Bronze, tan, grey, white, orange or 188 standard powder coat colors or custom powder coat colors. Headplates, steel bottom bar and guides are low-gloss black ColorFast™ powder coat. *Galvalume finish:* galvanized curtain with clear polyester finish coat. *Aluminum:* Mill finish or clear anodized. *Stainless steel:* No. 4 satin.

Warranty: Manufacturer's standard three year warranty from date of purchase against defects in materials and workmanship. Springs are warranted for 20,000 cycles.

Installation: Roll Up Doors Direct rolling steel doors shall be installed and adjusted according to factory installation instructions by trained door system technicians.

Counter Shutter Models

CS50ST: The standard steel counter shutter offering a 22 gauge prefinished steel curtain, hood and end covers with clear anodized two-piece guides and single angle aluminum bottom bar with slide locks. Available with cylinder locking clear anodized tubular aluminum bottom bar.

CS50AL: The intermediate counter shutter offering clear anodized curtain, hood and end covers with clear anodized two-piece guides and single angle aluminum bottom bar with slide locks. Available with cylinder locking clear anodized tubular aluminum bottom bar.

CS50SS: The stainless steel counter shutter offering a #4 finish steel curtain, hood and end covers with clear anodized two-piece guides and single angle stainless steel bottom bar with slide locks. Available with cylinder locking clear anodized tubular aluminum bottom bar.

Fit and Function:

The Roll Up Doors Direct counter shutter group demonstrates an evolution of sound performance principles and architectural detail in a trim, feature packed design set. Cafeteria serving areas, kitchen receiving windows, ticket offices, pharmacy windows, home security enhancement and vending area security include just a partial list of possibilities for a Roll Up Doors Direct counter shutter.

Minimum Headroom Feature:

Our counter shutters are noted for their unique ability to fit into 9" of headroom, when space is at a premium, with an angle bottom bar and a 115 volt tubular motor assembly.

Shutter Operation:

Operational choices include manual pushup, awning crank operation and externally mounted motor operators.

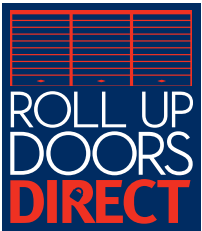
Security Features:

Manual and awning crank shutters feature a sturdy angle bottom bar with padlockable slide locks. This system may be upgraded to a tubular aluminum bottom bar with thumb-turn or keyed cylinder locking. A convenient center mounted release handle provides positive engagement and control when setting and disengaging the cylinder locks.



CS50AL clear anodized counter shutter with awning crank operation

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*CS50ST painted steel shutters
being installed in an outdoor
concession stand*

CS Series Counter Shutter Spec Data

Curtain: Clear anodized 16 gauge extruded clear anodized aluminum profiles, prefinished 22 gauge galvanized steel or #4 finish stainless steel in F8165 flat (1.53" x .50") interlocking roll-formed profiles.

Endlocks and Windlocks: Plated steel, stainless steel or high strength nylon to provide a wear surface for curtain slats and to provide windload capability and security.

Bottom Bar: Extruded aluminum tubular for cylinder locking, or single angle in clear anodized aluminum or #4 finish stainless steel with tubular compression bottom astragal.

Barrel Assembly: Steel or aluminum pipe, sized to limit deflection to no more than .03" per foot of width, with graduated rings or lugs welded to barrel for curtain attachment.

Springs: Torsion springs, permanently lubricated and mounted on steel tension shafts; designed for 10,000 cycles minimum.

Headplates: Steel plates of suitable size to support barrel, curtain, drive assemblies and hood. Enclosed with end covers matching hood material.

Guides: Standard two piece clear anodized aluminum two piece box shapes fixed together to form a padded guide channel to protect curtain finish and dampen operational noise. Optional #4 finish stainless steel shapes.

Bottom Bar: Clear anodized aluminum or stainless steel single angle when used with no locks or inside slide locks. Tubular clear anodized aluminum when used with cylinder locks.

Hood: Box shape fabricated from minimum 24 gauge prefinished galvanized steel, clear anodized aluminum or #4 finish stainless steel with intermediate structural supports as required.

Operation: Manual push-up operation, awning crank operation tubular or conventional motor operation.

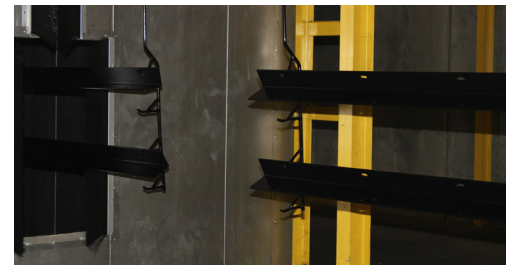
Safety: UL 325 compliant two button constant pressure to close station, photo eye or optional safety contact reversing edges when motor operated.

Locking: Steel, aluminum or stainless steel slide bolt locks with padlock provisions, or cylinder locking.

Finish: Prepainted slats and hood: Hot-dipped galvanized, per ASTM A653, with baked-on epoxy primer and polyester finish coat. Manufacturer's standard paint finishes are grey and white or 188 standard powder coat colors or custom powder coat colors. Steel bottom bar and guides: Low-gloss black ColorFast™ powder coat. Aluminum bottom bar and guides: Clear anodized. Stainless steel bottom bar and guides: No. 4 satin.

Warranty: Manufacturer's standard three year warranty from date of purchase against defects in materials and workmanship. Springs are warranted for 10,000 cycles.

Installation: Roll Up Doors Direct rolling steel doors shall be installed and adjusted according to factory installation instructions by trained door system technicians.



Powder coated guide angles exiting the oven

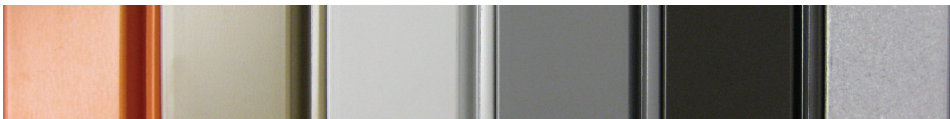
Exceptional Finishes

Finish failure is architecturally embarrassing, aggravatingly expensive and time consuming for the owner, and always unplanned. Roll Up Doors Direct pre-finishes all exposed painted components with baked, permanently bonded coatings rather than a simple primer wash or shop paint coat. We begin the process by roll coating coil stock with a baked enamel primer and a polyester final coat for a finish which is warranted for 25 years. Furthermore, the structural guides, headplates, operator mounting brackets and bottom bars are shot peened to achieve a micro-clean surface and immediately powder coated and baked, then cooled in a controlled environment. This is a non-interrupted, continuous process that results in hermetically sealed structural components that challenges most finishes for toughness and overall appearance and utility. Our proprietary coating, EEP, incorporates a high zinc content powder coat finish that decisively outperforms hot dip galvanized coatings in 600 hour salt spray testing. All Roll Up Doors Direct powder coat material is reclaimed and recycled on-site, and there are no evaporative chemicals used in the process. Aluminum finishes are available in mill finish or clear anodized as indicated. Stainless steel is available in #4 brushed for curtains and hoods.

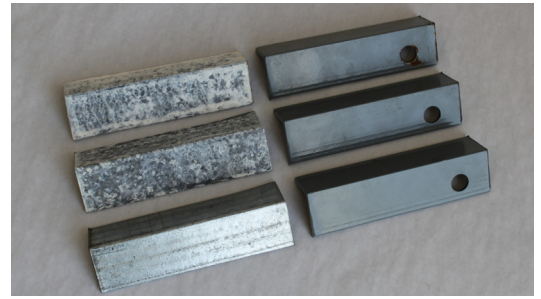
Warranty Information:

SD, ID and CS series of products are warranted to be free of defects in workmanship and material for three years. Springs are warranted for 20,000 cycles for door products and 10,000 cycles for shutter products. Please visit **www.rollupdoorsdirect.com** for full warranty details.

Standard paint finish has a 25 year film integrity warranty, guaranteed to hold up against peeling, cracking, blistering, flaking, splitting or delaminating. Normal operational wear and tear are excluded from this warranty. These colors are also guaranteed not to fade or change color for a period of 25 years. Colors shown here are for general representation only and cannot be used for accurate color matching.



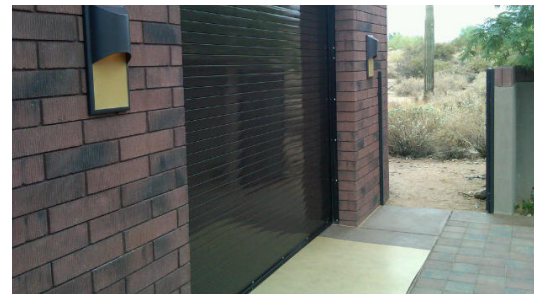
Orange, tan, white, grey, bronze and galvalume are standard colors.



Extreme Environmental Protection coatings (right) in progressive 600 hour salt spray comparison with G-90 galvanized angles (left)



A standard SD Series chain hoist operated service door

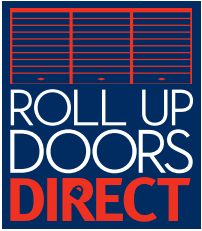


ID25 powder coated exterior door

Additional Information

Shop drawings, specifications and warranties may be found on our website. Please visit **www.rollupdoorsdirect.com** for further details on our line of rolling steel products.

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Roll Up Doors Direct offers a complete line of commercial and industrial rolling steel products that are manufactured combining state-of-the-art equipment with time-proven engineering standards to ensure the highest quality, reliability and customer satisfaction. Our three year warranty attests to our commitment to superior workmanship which stands behind each Roll Up Doors Direct rolling door product.

DRAWINGS

SD, ID and CS series drawings are available separately or on our website. Please visit www.rollupdoorsdirect.com for more details or contact our inside sales department.



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revised 9/11

