DESIGN AND MANUFACTURING OF STEEL DOORS AND FRAMES
“BEHIND EACH OF OUR DOORS, THERE IS AN ORIGINAL IDEA, THE LATEST TECHNOLOGY, AND A TEAM THAT IS READY TO COMBINE THE STRENGTH OF STEEL WITH THE POWER OF DESIGN.”

OUR AFFILIATIONS AND ACCREDITATIONS

- Door & Hardware Institute (DHI)
- Construction Specification Institute (CSI)
- National Association of Architectural Metal Manufacturers (NAAMM)
- ISO 9001: 2015
- ITS Warnock Hersey + British Standards
- AIA Provider

DOOR SERIES

DOOR OPTIONS

DOOR MODELS

FRAMES

SPECIALTY FRAMES

FRAME OPTIONS

ELEVATIONS

SOLUTIONS

ACHIEVEMENTS
DE LA FONTAINE INDUSTRIES OFFERS A COMPLETE LINE OF HIGH QUALITY HOLLOW METAL DOORS AND FRAMES BUILT WITH GALVANNEALED STEEL OR STAINLESS STEEL. OUR COMPANY EXPERTISE AND REPUTATION FOR RELIABILITY IS BASED ON MORE THAN 50 YEARS OF EXPERIENCE IN THE STEEL DOOR AND STEEL FRAME INDUSTRY.

DE LA FONTAINE FACTORIES

CANADA
4115 Brodeur Street
Sherbrooke, Quebec J1L 1K4
T: 1 800 565-9230
T: 1 819 821-9230
F: 1 819 569-5928

UNITED STATES
3 Normac RD
Woburn, MA 01801
T: 1 800 565-9230 ext.401
T: 1 781 832-8663

901 Avenue M,
Grand Prairie, TX 75050
T: 1 800 565-9230 ext.650
T: 1 469 348-2272

3210 Hubbard Road
Hyattsville, MD 20785
T: 1 800 565-9230 ext.709
T: 1 301 277-8044

1445 Brookville Way
Indianapolis, IN 46239
T: 1 317-802-7145

TO GET A QUOTE
quotes@delafontaine.com

READY TO PLACE AN ORDER?
orders@delafontaine.com

ANY QUESTIONS?
Contact our Customer service department
T: 1 800 565-9230 Option 1
customerservice@delafontaine

ACCOUNTS RECEIVABLE AND CREDIT REFERENCES
receivables@delafontaine.com
1968
Incorporation of DE LA FONTAINE in Sherbrooke (Quebec, Canada) by Gérald de La Fontaine. A visionary, he is the first in the Eastern Townships market to offer interior doors with pre-assembled frames.

1973
The company moves to its current location on Brodeur Street, occupying 12,000 square feet.

1976
DE LA FONTAINE expands in Quebec thanks to several partnerships.

1980

1982
The second generation arrives on the scene as Robert de La Fontaine succeeds his father.

1986
The company expands its operations in the US: René Bouchard, previously responsible for sales, opens the first US warehouse in Hartford, CT.

1989
Mass production of the first steel door begins.

1990

1993
Steel is adopted for all door and frame production.

1995
Increased development in the US market is driven by a partnership with Smoot Associates, Inc.

1998
The “Toyota” management model and added-value production principles are adopted.
**OUR AMBITION**

Our purpose goes beyond what we sell. We’re using our business model to become the Americas leading quick-service manufacture of steel doors and frames.

**OUR BUSINESS MODEL**

PROXIMITY | EASY TO DO BUSINESS WITH | CONTINUOUS IMPROVEMENT | FINANCIAL HEALTH

**OUR VALUES**

CLIENT-FOCUSED | PERFORMANCE | INNOVATION | COMPETENCE | QUALITY | TEAM SPIRIT

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**1999**

The company is well established in the US Northeast. **France, Richard and Anie de La Fontaine** have all joined their brother Robert in investing in the family business.

**2000**

**2007**

Expansion of the Sherbrooke facility to accommodate a new prefinishing line. The factory now occupies 60,000 square feet.

**2009**

Market launch of a line of prefinished products with flexible designs that combine performance and esthetics while maintaining fire-resistance standards.

**2010**

Transformation of the Woburn, MA warehouse into a flexible factory.

**2011**

International development: the company’s reputation gains notoriety in new markets (Middle East, Latin America, etc.).

**2012**

The third generation joins the company: the arrival of **Gabriel de La Fontaine** brings new dreams, new ideas and new energy.

**2013**

Major investments in the Sherbrooke facility in order to support current and future growth at DE LA FONTAINE.

**2014**

Launch of Microsoft Dynamics AX 2012 integrated management software.

**2016**

Expansion of the Sherbrooke facility (20,000 square feet) to support our growth plan.

**2017**

Acquisition of Lindstrom Corporation in Hyattsville MD.

**2018**

Major investments in all of our facilities to improve our production capacity.

**2019**

Acquisition of CMP Express in Grand Prairie TX. The DE LA FONTAINE family now include four factories and more than 275 employees.

**FUTURE IS COMING...**
QUALITY PRODUCTS, RELIABLE SERVICE, AND 2-3 WEEK DELIVERY*: THIS IS THE COMBINATION THAT MAKES US A TRUE PARTNER.

DE LA FONTAINE Industries offers a complete line of high quality hollow metal doors and frames built with galvannealed steel or stainless steel. These are available as standard products as well as more complex or custom-designed products. You choose the options that suit your project, as each product is made to order according to YOUR NEEDS.

LEADTIME/SERVICE

WITHIN 2-3 WEEKS*: Custom or standard galvannealed hollow metal doors, frames (including split frames) and sidelites, including continuously welded products, primed or not.

WITHIN 4 WEEKS*: Prefinished powder-coated hollow metal doors, frames and sidelites.

WITHIN 4 WEEKS*: Stainless steel, lead-lined, and acoustical products, including continuously welded products.
* Larger or more complex projects may require additional time.
For more details, please call our customer service.

QUICK SHIP PROGRAM:
DE LA FONTAINE offer multiple quick ship programs to fullfill your needs. From a 1* day turbo, to 3-5* days Express to a 7-10* days fastlane.
*Completion time

MATERIAL

Our products are made with galvannealed steel with a coating of a zinc-iron alloy. This alloy offers better corrosion resistance than primed cold-rolled steel and requires less surface preparation for painting than hot-dipped galvanized steel (G60-G90).

For interior openings, DE LA FONTAINE offers the A40 (ZF 120) designation; for exterior applications or wet areas, the A60 (ZF 180) designation is available.

DE LA FONTAINE also offers stainless steel 304 and 316, finish no.4 (satin finish) for environments in the presence of corrosive products or for wet areas.

STEEL COMPLIANCE

ASTM A653/A653M
Our galvannealed steel complies with ASTM A653/A653M (Standard Specification for Steel Sheet, Zinc-Coated (Galvannised) or Zinc-Iron Alloy Coated (Galvannealed) by the Hot Dip Process).

ASTM A240/A240M

STEEL GAUGES
For quality purpose, our steel gauges exceed industry standard NAAMM/HMMA 803 (steel tables).

QUALITY ASSURANCE

- More than 50 years of experience as a manufacturer in the industry.
- Quality products manufactured with state-of-the-art equipment.
- Meeting or exceeding industry standards.
FIRE RATING

The basic requirements and limitations regarding DE LA FONTAINE fire doors and frames are defined by the National Fire Protection Association, NFPA 80 (Standard for Fire Doors and Other Opening Protectives).

Our products also comply with the following standards:

- **UL 10C** (Standard Positive Pressure Fire Tests of Door Assemblies)
- **NFPA 252** (Standard Methods of Fire Tests of Door Assemblies)
- **NFPA 257** (Standard on Fire Test of Window and Glass Block Assemblies)
- **BS-476-22 British Standard** (Fire Resistance Test to Building Material – Non loadbearing elements)

Because the DE LA FONTAINE team is dedicated to innovation and new product development, we purchased our own testing facility. Once product development is complete, we perform a final test at Intertek Testing Services (ITS/Warnock Hersey) to receive their approval and obtain listing, labeling, and follow-up services for the fire-rated products we manufacture.1

PRIMER AND PAINT

Our galvannealed steel is suitable for immediate painting, although we also offer water-based primed products and factory prefinished products using a durable powder-coating process.

**PRIMER**

- Our primer improves protection against humidity and corrosion and can be covered with any type of coating.
- Water-based, it complies with current environmental standards due to its low VOC content.

> Our primer exceeds ANSI standard A250.10 (Test Procedures and Acceptance Criteria for Factory Applied Finish Painted on Steel Surfaces for Steel Doors and Frames).

**PAINT**

- Powder-coated paint is available for many of our products. Our standard color palette includes several colors and can be complemented by custom colors as needed. Please consult our “Paint” technical data sheet on our website for more information.

> Powder-coated paint:
  - Offers durability and a quality finish
  - Reduces coordination on jobsite
  - Does not contain any solvents or VOCs (volatile organic compounds)

> Exceeds ANSI standard A250.3 (Test Procedures and Acceptance Criteria for Factory Applied Finish Painted on Steel Surfaces for Steel Doors and Frames).

ECOLOGICAL RESPONSIBILITY

DE LA FONTAINE has adopted ecological principles aimed to consume less, pollute little and recycle more. Here are some examples of our commitments:

- Please contact the Customer service for LEED informations.
- 100% recycling of steel waste
- Recycling of production waste
- Recycling of wood transport pallets

1 For additional information on fire-rated doors and frames manufactured by DE LA FONTAINE, visit our website or contact your sales representative or our customer service team.

RECYCLED CONTENT

The total recycled content of our galvannealed steel is approximately 89.7%.

This includes:

- A total post-consumer content of 50.6%
- A total post-industrial content of 33.3%
- The remaining 5.8% is comprised of home scrap.

The total recycled content of our stainless steel is over 85%. However, the mill makes no distinction as to the origin of the scrap.
**HC SERIES**

**HONEYCOMB CORE**

**KEY FEATURES**
- 1” (25.4 mm) hexagonal cell Kraft paper core
- Excellent crushing strength
- 1 3/4” door thickness only
- Edge seam options:
  - Lock seam (PA) 20-, 18-, or 16-gauge
  - Lock seam and putty filled (PAF) 20-, 18-, or 16-gauge
  - Continuously welded seamless edge (CW) 18-, 16- and 14-gauge

**Performance**
- PA18: 500,000 cycles per ANSI A250.4
- CW18: 1,000,000 cycles per ANSI A250.4
- STC32 to STC 38 (operable rating with appropriate gasketing)

**Fire Ratings**
- Available up to 3 hours.

**STANDARD FEATURES**
- A40 galvannealed material
- 16-gauge top and bottom welded inverted channel
- Both edges beveled 1/8” in 2”

**OPTIONS**
- A60 or G90 material
- Flush or sealed top and bottom welded channel
- Primer for A40 and A60
- Factory prefinishing – powder coat only

**HARDWARE REINFORCEMENTS**
- Hinges: 7-gauge
- Closer: 16-gauge (optional: 14-gauge, 12-gauge)
- Locks: 12-gauge
KEY FEATURES

- Interior and exterior usage
- Expanded polystyrene core
- 1 3/4” door thickness standard (available 1 3/8” to 2 1/4”)
- Edge seam options:
  - Lock seam (PA) 20-, 18- or 16-gauge
  - Lock seam and putty filled (PAF) 20-, 18- or 16-gauge
  - Continuously welded seamless edge (CW) 18-, 16-, 14- and 12-gauge
- R-Factor (metric values in parentheses)
  - ASTM C518: R7.03 (R1.24)
  - ASTM C1363: R2.44 (R0.43)
  - NFRC 102: R2.63 (R0.46)

Performance

- PA18: 1,000,000 cycles per ANSI A250.4
- CW16: 6,000,000 cycles per ANSI A250.4

Fire Ratings

- Available up to 1-1/2 hours.

STANDARD FEATURES

- A40 galvannealed material
- 16-gauge top and bottom welded inverted channel

OPTIONS

- A60 or G90 material
- Flush or sealed top and bottom welded channel
- Primer for A40 and A60
- Factory prefinishing not available

HARDWARE REINFORCEMENTS

- Hinges: 7-gauge
- Closer: 16-gauge (optional: 14-gauge, 12-gauge)
- Locks: 12-gauge
**PU SERIES**

**POLYURETHANE CORE**

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**KEY FEATURES**

- Mostly exterior usage
- Polyisocyanurate (polyurethane) core
- 1 3/4” door thickness only
- Edge seam options:
  - Lock seam (PA) 20-, 18- or 16-gauge
  - Lock seam and putty filled (PAF) 20-, 18- or 16-gauge
  - Continuously welded seamless edge (CW) 18-, 16- and 14-gauge
- R-Factor (metric values in parentheses)
  - ASTM C518: R10.2 (R1.8)
  - ASTM C1363: R2.63 (R0.46)
  - NFRC 102: R2.8 (R0.49)

**Fire Ratings**

Available up to 1-1/2 hours.

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**STANDARD FEATURES**

- A40 galvannealed material
- 16-gauge top and bottom welded inverted channel

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**OPTIONS**

- A60 or G90 material
- Flush or sealed top and bottom welded channel
- Primer for A40 and A60
- Factory prefinishing not available

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**HARDWARE REINFORCEMENTS**

- Hinges: 7-gauge
- Closer: 16-gauge (optional: 14-gauge, 12-gauge)
- Locks: 12-gauge
ST SERIES
STEEL STIFFENED CORE

KEY FEATURES

- Increased durability and security
- Interior and exterior usage
- Bonded 18-gauge steel stiffeners 6” o.c. with industrial adhesive
- Voids between stiffeners filled with:
  - Polystyrene, all door thickness available (Default option)
  - Polyurethane, 1-3/4” door thickness only
  - Mineral wool, 1-3/4” door thickness only
- Edge seam options:
  - Lock seam (PA) 18- or 16-gauge
  - Lock seam and putty filled (PAF) 18- or 16-gauge
  - Continuously welded seamless edge (CW) 18-, 16-, 14- and 12-gauge
- R-Factor (metric values in parentheses)
  - STY: ASTM C1363: R1.54 (R0.27)
  - URE: ASTM C1363: R1.7 (R0.29)
  - MW: ASTM C1363: R1.8 (R0.32)

Performance

- Polystyrene: Windstorm Class 1, 70 PSF, 350 ft-lbs.
  See Windstorm-resistant openings section p.33 for more details.

Fire Ratings

Available up to 1-1/2 hours.

STANDARD FEATURES

- A40 galvannealed material
- 16-gauge top and bottom welded inverted channel

OPTIONS

- A60 galvannealed material
- Flush or sealed top and bottom welded channel
- Laser welded stiffeners (Mineral wool only)
- Primer for A40 and A60
- Factory prefinishing - powder coat only (Mineral wool only)

HARDWARE REINFORCEMENTS

- Hinges: 7-gauge
- Closer: 16-gauge (optional: 14-gauge, 12-gauge)
- Locks: 12-gauge
**KEY FEATURES**

- Reinforced fire protection for building occupants
- Mostly for doors in the path of egress
- Two core types available:
  - Solid mineral slab
  - Steel stiffened with mineral wool
- 1 3/4” door thickness only on mineral slab
- 1 3/4” and 2” door thickness on steel stiffened
- Edge seam options:
  - Lock seam (PA) 18- or 16-gauge
  - Lock seam and putty filled (PAF) 18- or 16-gauge
  - Continuously welded seamless edge (CW) 18-, 16-, 14-gauge
- R-Factor (metric values in parentheses)
  - ASTM C518: R3.9 (R0.69)

**Performance (Mineral Slab)**

- 250°F in 30 minutes, up to 1-1/2 hours fire rating
- 450°F in 60 minutes, up to 3 hours fire rating
- 450°F in 30 minutes, up to 1-1/2 hours fire rating

**Performance (Steel Stiffened with Mineral Wool)**

450°F in 30 minutes, up to 1-1/2 hours fire rating

**STANDARD FEATURES**

- A40 Galvannealed material

**OPTIONS**

- A60 or G90 material
- Primer for A40 and A60
- Factory prefinishing – powder coat only

**HARDWARE REINFORCEMENTS**

- Hinges: 7-gauge
- Closer: 16-gauge (optional: 14-gauge, 12-gauge)
- Locks: 12-gauge
KEY FEATURES

- Ensures sound reduction as well as privacy
- Single opening size up to 4'0" x 8'0"
- Pairs of doors have not been tested
- Edge seam options:
  - Lock seam (PA)
  - Lock seam and putty filled (PAF)

Performance

- Tested to ASTM E90, E413, E1332, E2235 Standards
- Operable door, frame and gasketing achieved STC32 to STC48.
  - Assembly includes door, frame and acoustical gasketing items.

STANDARD FEATURES

- A40 galvannealed material
- 16-gauge flush and welded top and bottom cap

OPTIONS

- A60 or G90 material
- Primer for A40 and A60
- Factory prefinishing – powder coat only

HARDWARE REINFORCEMENTS

- Hinges: 17 Gauge hinge reinforcements
- Closer: 16-gauge (optional: 14-gauge, 12-gauge)
- Locks: 12-gauge (available for cylindrical locks)
KEY FEATURES

- For use in environments where radiation is present
- Expanded polystyrene core with 98% pure lead sheet available in two different thicknesses:
  - 1/16”
  - 1/8” (16-, 14- and 12-gauge door only)
- Door thickness from 1 3/4” up to 2 1/4”
- Edge seam options:
  - Lock seam (PA) 18- or 16-gauge
  - Lock seam and putty filled (PAF) 18- or 16-gauge
  - Continuously welded seamless edge (CW) 18-, 16-, 14- and 12-gauge

Complies with:

- ASTM B29: Standard Specification for Refined Lead
- Federal Specification QQ-L-201 “C” Category
- CSA HP2 type 2 lead

STANDARD FEATURES

- A40 galvannealed material
- 16-gauge flush and welded top and bottom cap

OPTIONS

- A60 or G90 material
- Primer for A40 and A60
- Factory prefinishing not available

HARDWARE REINFORCEMENTS

- Hanging: We strongly recommend the use of pivot set.
- Closer: 16-gauge (optional: 14-gauge, 12-gauge)
- Locks: 12-gauge

NOTE: De la Fontaine will not determine the necessary lead thickness.
**DOOR OPTIONS: DOOR SEAMS**

**Seamless, lock seam on edge construction.**
- Reinforced welded corners (PA).
- Achieves 1,000,000 cycles as per ANSI A250.4.

**Seamless, continuously welded, internally reinforced stiles,** 18-gauge (0.044”/1.1 mm) or 16-gauge (0.056”/1.4 mm).
- **Fully welded** centered seam, (CW).
- Achieves 6,000,000 cycles as per ANSI A250.4.

**DOOR OPTIONS: DOOR EDGES**

**Square edge door, 90-degree angle** to the door face.
- Standard on strike edge of inactive door and hinge edge of door with continuous hinge.

**Beveled edge door, 87-degree angle** to the door face (1/8” (3.2 mm) in 2” (50.8 mm)).
- Standard on active door.

**Segmented radius edge for double acting door.**
- The seam is filled with industrial adhesive then putty-filled and ground smooth.
- Available in PA series only.
DOOR OPTIONS: TOP AND BOTTOM CHANNELS

Standard, inverted steel channels, projection welded, 16-gauge (0.056”/1.4 mm) or 14-gauge (0.071”/1.8 mm). Optional

Flush steel channels, projection welded, 16-gauge (0.056”/1.4 mm) or 14-gauge (0.071”/1.8 mm), not sealed. Optional

Flush and sealed steel channels, projection welded, 16-gauge (0.056”/1.4 mm) or 14-gauge (0.071”/1.8 mm).

Fully continuously welded centered seam. Flush internal steel channels, 16-gauge (0.056”/1.4 mm) or 14-gauge (0.071”/1.8 mm). Stainless steel only

PVC top cap (snap-in).

DOOR OPTIONS: STANDARD DOOR HARDWARE REINFORCEMENTS

hinge reinforcement, 7-gauge (0.167”/4.2 mm) flat hinge reinforcement.

Cylindrical lock reinforcement, 16-gauge (0.056”/1.9 mm) lock front, 18-gauge (0.044”/1.1 mm) spacer.

Mortise lock reinforcement, 12-gauge (0.105”/2.7 mm) lock front, 16-gauge (0.056”/1.4 mm) box.

Flush bolt reinforcement, 12-gauge (0.105”/2.7 mm) tabs.

Standard ANSI 4 7/8” (123.8 mm) strike reinforcement, 16-gauge (0.056”/1.4 mm).

NOTE: HARDWARE REINFORCEMENTS ARE PROJECTION WELDED. PLEASE CONTACT YOUR LOCAL REPRESENTATIVE FOR ADDITIONAL DETAILS ON HARDWARE REINFORCEMENT.
DOOR OPTIONS: VISION KITS AND LOUVERS

Standard two-part sandwich-type vision kit, welded corner sections, 18-gauge (0.044”/1.1 mm). Available for 1/4” (6.3 mm) to 1” (25.4 mm) thick glass (N series).

Two-part sandwich-type vision kit with muntins, 18-gauge (0.044”/1.1 mm). Only available non-rated and for 1/4” (6.3 mm) and 1/2” (12.7 mm) thick glass.

DLF flush vision kit, 16-gauge (0.056”/1.4 mm). Spot welded, available for 1/4” (6.3 mm) to 1” (25.4 mm) thick glass (FK series).

DLF flush seamless vision kit, 16-gauge (0.056”/1.4 mm). Spot welded, available for 1/4” (6.3 mm) to 1” (25.4 mm) thick glass (FKS series).

Standard two-part sandwich-type louver, inverted “Y” blades, welded corners, 50% free-flow area, 18-gauge (0.044”/1.1 mm).

TYPICAL DOOR ELEVATIONS

Multiple sizes and combinations available with different door series or door models. Please consult factory for additional information.

We recommend keeping 7” (178 mm) stiles and 8” (203 mm) top rail to avoid any hardware conflicts.

NL: Narrow lite
HG: Half glass
2G: Double half glass
FG: Full glass
For classic elegance and an economical solution, choose from our pre-embossed panel doors.

**AVAILABLE IN THE FOLLOWING DOOR SERIES:**
- Honeycomb
- Polystyrene

**KEY FEATURES**
- 18-gauge
- A40 galvanneal steel only
- Fire ratings available up to 3 hours.
- Exceeds the American National Standards Institute ANSI A250.4 standard
- Factory powder coat prefinishing available

Please consult our Technical Data Book for panel size limitations.
CED - DOOR MODELS
CUSTOM EMBOSSED

This line brings together the strength of steel with the flexibility of the latest technology in order to personalize the design of doors. For a contemporary look, draw the lines, curves and panels yourself to enrich the perspectives of your project with a unique touch.

AVAILABLE IN ALL OF OUR DOOR SERIES

- 18- or 16-gauge
- A40, A60 galvannealed steel or 304 and 316 stainless steel no. 4 satin finish
- Fire ratings available up to 3 hours.
- Exceeds the American National Standards Institute ANSI A250.4 standard
- Factory powder coat prefinishing available for galvannealed steel only

EMBOSSING GROOVE STYLES AVAILABLE

V MODEL | U MODEL | INVERTED V MODEL

Most popular models

CED | CED105 | CED106 | CED109 | CED111 | 2PNL WITH CED
RPD - DOOR MODELS
RECESSED PANELS

Decide on the number of panels to embed as well as their size, add a wood or aluminum molding to accent the relief and choose the prefinishing color. You will have a unique door—a steel door which respects the most demanding of performance standards and is resistant to fire, and a designer door which will harmoniously integrate into your project.

AVAILABLE IN THE FOLLOWING DOOR SERIES:
- Honeycomb
- Polystyrene

KEY FEATURES
- 18-, 16- or 14-gauge
- A40, A60 galvannealed steel
- Fire ratings available up to 3 hours.
- Exceeds the American National Standards Institute ANSI A250.4 standard
- Factory powder coat prefinishing available for galvannealed steel only

PANEL DESIGNS AVAILABLE

Most popular models
Here are a few applications available for the Recessed Panel doors.

**OUTDOOR APPLICATIONS**

RPD with aluminum molding

**INDOOR APPLICATIONS**

Complete fire rated opening with LR frame with wood molding and RPD with aluminum molding with factory finish powder coat paint

**OTHER APPLICATIONS**

Shaker style RPD panel
SR SERIES
STANDARD FRAME

Designed to be installed in masonry wall conditions.

- Face welded or continuously welded frame assembly.
- Solid three-sided frame application.
- Available knock-down (KD), but compression anchor must be specified by customer if needed.
- Available for drywall, but we recommend using the DR series.

FIRE RATINGS

- Up to 3-hour (ITS/WHI) fire label

STANDARD FEATURES

- A40 galvannealed steel
- 16-gauge steel

OPTIONS

- A60 and G90 material
- 18-, 14- and 12-gauge
- Primer for A40 and A60

Standard Frame Anchors

DE LA FONTAINE standard anchors are designed for use in almost any job conditions. Custom anchors available.

- “T” masonry anchor (TMA), shipped loose. Includes floor anchors
- Wire masonry anchor (WMA), shipped loose. Includes Floor anchors
- Existing wall anchor (EWA) with reinforcement, welded.

- Steel stud “Z” bracket anchor (ZBA), welded. Includes Floor anchors
- Wood stud anchor (DCA), welded. Includes Floor anchors
- Multi-purpose wood or steel stud anchor (SWS), 2-piece, shipped loose. Includes Floor anchors

Standard Frame Hardware Reinforcements

- ANSI 4-7/8” strike reinforcement (16-gauge).
- Standard (0.134") or heavyweight (0.180") hinge reinforcement (7-gauge).

- Regular arm closer reinforcement (12-gauge).
- Parallel arm closer reinforcement (12-gauge).
DW SERIES
DRYWALL FRAME

Designed to be installed after the wall is up (slip-on 3-piece frame).

- Three-sided frame for drywall applications.
- KD assembly.
- Compression anchor (leveling screw) on each jamb for plumbness and level.
- Punched and dimpled on frame face for no.6 drywall screw (standard).
- Drywall strap anchors (optional).

FIRE RATINGS
- Up to 3-hour (ITS/WHI) fire label

STANDARD FEATURES
- A40 galvannealed steel
- 16-gauge steel

OPTIONS
- A60 and G90 material
- 18- and 14-gauge
- Primer for A40 and A60
DR SERIES
PRE-DRYWALL FRAME

Designed to be installed into metal or wood stud framing before drywall board is installed.

- Face welded or continuously welded drywall three-sided frame.
- 18-gauge welded-in steel stud anchors (standard).
- 16-gauge welded floor anchor (standard).
- Wood stud anchor (optional).
- Multi-purpose anchor (optional), shipped loose.

**FIRE RATINGS**
- Up to 3-hour (ITS/WHI) fire label

**STANDARD FEATURES**
- A40 galvannealed steel
- 16-gauge steel

**OPTIONS**
- A60 and G90 material
- 18- and 14-gauge
- Primer for A40 and A60
**LR SERIES**

**LESS RETURN FRAME**

Designed for wood trim nailed on the perimeter (wood trim prep).

- Ideal for historical renovations.
- Warm-feeling, true commercial frame.
- High-end and affordable three-sided frame for drywall applications.
- The ideal application is KD.
- Available in face welded or split frame configuration.
- Wall dimension is critical when ordering this frame.

**FIRE RATINGS**

- Up to 1-1/2-hour (ITS/WHI) fire label with any type of wood trim installed by contractor.

**STANDARD FEATURES**

- A40 galvannealed steel
- 16-gauge steel

**OPTIONS**

- A60 galvannealed steel
- 18- and 14-gauge steel
- Primer for A40 and A60
SF SERIES
SPLIT FRAME

Designed to be installed after the wall is up. With its unique anchoring system, this frame will save time and coordination on the jobsite in addition to offering a solid and strong face welded assembly.

- Solid, strong and secure opening.
- Face-welded commercial 2-piece welded frame, installed after walls are erected.
- State-of-the-art anchoring system for steel or wood stud walls without face screws.
- Powder-coated pre-finishing from the factory recommended.
- Available for three-sided, transom, borrowed lite and sidelite frame configuration.
- Reduces coordination and time spent on the jobsite.

FIRE RATINGS
- Up to 1-1/2-hour (ITS/WHI) fire label

STANDARD FEATURES
- A40 galvannealed steel
- 16-gauge steel

OPTIONS
- A60 galvannealed steel
- Primer for A40 and A60

Please consult our website for installation procedure and video.

See page 29 for more details and features.
FRAME OPTIONS

DOUBLE EGRESS PROFILE
Specialized frame designed for door leaves operating in opposite directions.
- Double egress frame is available in SR, DR and DW series.
- 1-3/8” x 2-5/8” or 2” x 3-1/4” frame face standard profiles.
- Compatible with all of our standard anchors.
- Must be welded for fire rating.

Special profile available for swing clear hinges or pocket pivot hardware.

THERMAL BREAK PROFILE
Specialized frame designed to significantly reduce condensation or frost on the interior of the frame in cold weather conditions.
- PVC thermal break
- A60 steel recommended
- 16- or 14-gauge steel
- Not available in KD frame assembly
- Fire rating not available

TERMINATED (SANITARY) STOP
Specialized frame option designed to prevent the build-up of germs and bacteria at floor level. It allows for easier floor cleaning in health care settings.
- Available in SR and DR series
- Accepts all of our standard anchors
- 16- or 14-gauge steel
- Variable height available for sanitary stops. Must not exceed 6” in fire-rated openings.
- 45- or 90-degree stop

OTHER PROFILES AVAILABLE

NOTE: MOST OF THESE PROFILES CAN BE FIRE-RATED UP TO 90 MINUTES (POSITIVE PRESSURE UL 10C).
DE LA FONTAINE has developed a true expertise in the assembly of custom frame elevations, including special profiles, arched frames, curved frames, segmented frames or any other special requirements your project may need.

DE LA FONTAINE is your partner of choice when it comes to custom frame elevation.

**MATERIAL**
- A40, A60, G90, stainless steel 304 and 316 no.4 (satin finish)
- 16-, 14- and 12-gauge

**FRAME SERIES**
Available in SR, DW, DR and split frame (SF) series
Elevations - Borrowed Lites

**SEGMENTED RADIUS** BORROWED LITE

**NOTE:** FRAMES WITH CORNER POST OR SEGMENTED RADIUS ARE ELIGIBLE FOR FIRE RATING. PLEASE CONSULT OUR CHART FOR LIMITATIONS.

Elevations - Removable Mullion Details

Head/top of mullion assembly detail. 90-minute fire-rated (positive pressure; UL 10C).

Elevations - Arched Frame

Bottom of mullion/floor-assembly detail. 90-minute fire-rated (positive pressure; UL 10C).

Fixed mullion floor anchor.
DE LA FONTAINE’s detention products deliver **security, performance and durability**. They are ideal for a wide range of applications in correctional centers or other institutions that require a high degree of security.

**DOORS**

- Galvannealed steel, A40 or A60
- Surface thickness of 16-gauge (1.6 mm) to 12-gauge (2.5 mm)
- Doors of 1-3/4” to 2-1/4”
- 12-gauge reinforced perimeter (14-gauge and 10-gauge also available)
- Welded edges, ground smooth
- Vision kit with welded or screwed glazing bead. Factory installed glass available.
- Integrated acoustic grilles, easy to maintain*
- Heavy duty particle wood or steel stiffened core
- Doors available with powder coating paint, applied in-factory
- Hardware installed in-factory according to project specifications

* The assembly recommended by DE LA FONTAINE allows for the easy removal and reinstallation of vision kits and the acoustic grille.

**FRAMES AND SIDELITES**

- Galvannealed steel, A40 or A60
- Material available in thicknesses from 14-gauge (2 mm) to 3-gauge (6 mm)
- Continuously welded for a durable, heavy duty assembly
- Multiple profiles available
- Vision kits welded or screwed in-factory, with anti-tamper hardware
- Frames and sidelites available with factory-applied powder coating paint
DE LA FONTAINE has combined its expertise, experience and innovation to develop an exclusive welded split frame available in a variety of configurations. Its design features—including a state-of-the-art anchoring system and a 2-piece welded frame—yield an accurate fit with a range of wall conditions and constructions. The result: a solid, strong and secure opening.

**Benefits**

**Distributors:**
- The frame, door and hardware can be assembled before shipping to the jobsite to ensure functionality of the opening.
- Fewer trips to the jobsite.
- Adjustability suitable for retrofit application.

**End Users:**
- Durable opening with less maintenance.
- Ease of compliance with the annual fire door inspection.

**Architects:**
- Factory powder coated prefinished products.
- No VOCs.

**Contractors:**
- Installation can start once the walls have been painted.
- Factory prefinishing considerably reduces coordination and time spent on the jobsite.
- One sole responsibility for the complete opening.

**Prefinish**
- High quality and durable powder coating that exceeds ANSI A250.3.
- Standard and custom colors available.

**Fire Rating**
- 90-minute (positive pressure; UL10C). Maximum overall dimensions: 8’2”W x 10’3/4”H (2489 mm x 3067 mm).
- 60-minute (positive pressure; UL10C). Maximum overall dimensions: 10’0”W x 11’5”H (3048 mm x 3480 mm)
- Pair of doors and field splice approved.

**Performance**
Exceeds American National Standards Institute ANSI A250.4, achieves 3,000,000 cycles.
ENERGY EFFICIENT OPENINGS SOLUTIONS

Experts agree that as design and development continue to trend towards energy-efficient performance, operating costs and carbon footprints will decrease. The outer envelope is the key to an eco-friendly building, and by their nature, windows and doors represent an important part of the equation.

**The insulation level of an opening can be expressed relative to 2 different standards:**

- **ASTM C1363:** Standard Test Method for Thermal Performance of Building Materials and Envelope Assemblies by Means of a Hot Box Apparatus.

DE LA FONTAINE offers insulating doors that, when combined with a thermal break frame, contribute to a considerable reduction in a building’s energy costs.

The thermal break frame is a special profile with a polyvinyl chloride (PVC) seal that inhibits the transfer of heat/cold from the exposed to the non-exposed side of the frame. This seal is also installed in the mullion of elevations and borrowed lites. Mullions can be filled with insulating mineral wool.

Please refer to our individual Door Series or to the technical data sheet on our website for complete information on testing procedures and energy values for DE LA FONTAINE products.

SOUND-DEADENING OPENINGS (STC)

Like many other full-service hollow metal companies, DE LA FONTAINE provides STC door assemblies that are tested in compliance with the following ASTM Standards:

- **ASTM E413-16** - Classification for Rating Sound Insulation.
- **ASTM E1332-16** - Standard Classification for Rating Outdoor-Indoor Sound Attenuation.

Because we are constantly testing new products we chose not to list our STC ratings here, please contact our customer service department or visit our website for the latest information. You can reach them by phone at 1-800-565-9230 Option 1 or via email at customerservice@delafontaine.com or at www.delafontaine.com.
STAINLESS STEEL DOORS AND FRAMES SOLUTIONS

DE LA FONTAINE also offers stainless steel solutions for damp areas, areas where high hygiene standards are essential, or areas where corrosive products are in use. Stainless steel is also ideal for high-end projects due to its esthetic appeal.

STAINLESS STEEL PRODUCT KEY FEATURES

- Compliant with ASTM A240/A240M
- 304 or 316, no.4 (satin finish)
- All Door Series available except TR Series
- Continuously welded seamless edge available
- All frame series available
- Sanitary welded corner for clean applications available
- Fire-rated up to 90 min (1-1/2 hours)
- All hardware and internal reinforcements made of stainless steel

WINDSTORM-RESISTANT OPENINGS SOLUTIONS

Storms and hurricanes are frequent in certain coastal areas, and construction standards demand high-performance products to ensure the safety of building occupants. DE LA FONTAINE offers a durable door that meets the industry’s stringent standards, while the distinction of customized embossing allows you to combine performance and design.

WINDSTORM STANDARDS COMPLIANCE

- ANSI A250.13, ASTM E330-02, ASTM E1886-05, ASTM E1996-09;
- Outswinging doors; Pressure: 70 psf; Impact: 350lb-ft; Class 1 door.

SPECIFICATIONS

- Single door: up to 3’0” x 7’0” (914 mm x 2133 mm)
- Pair of doors: up to 6’0” x 7’0” (1829 mm x 2133 mm)
- Minimum 16-gauge ST Series (Steel Stiffened Core) with polystyrene and continuously welded seamless edge
- Minimum 16-gauge SR Series (Standard Frame) welded and existing wall anchors with tube
- Fire-rated up to 90 min (1-1/2 hours)

See our technical data sheet for more information.
A FEW OF OUR MANY PROJECTS...

APARTMENTS
The Falls at Flint Hill (VA, USA)
The Avalon (NY, USA)

COMMERCIAL AND OFFICE BUILDINGS
The Prudential Center (MA, USA)
The National Research Council (ON, Canada)
The Loudoun Digital Realty (VA, USA)

EDUCATION AND CULTURE
Harvard University (MA, USA)
Hudson Hall, Plattsburg State University of New York (NY, USA)
The Boston Museum of Fine Arts (MA, USA)
The University of Pennsylvania (PA, USA)
The John Adams Building and the Library of Congress (DC, USA)
The Academy for Performing Arts (Hong Kong, China)
Thompson Estates Elementary School (MD, USA)

GOVERNMENT AND SECURITY
The Sorel Prison (QC, Canada)
The Marcy Correctional Center (NY, USA)
The United States Embassy (Bangkok, Thailand)
The Police Headquarters (Hong Kong, China)
The United States Consulate (Naha, Japan)
The Federal Reserve Board (DC, USA)
The Illinois State Building (IL, USA)
The Renovated Sections of the Pentagon (DC, USA)
The Columbia County Courthouse (NY, USA)
The Commonwealth of Massachusetts Military Division and Joint Force Headquarters of the Massachusetts National Guard (MA, USA)
One Town Center, ISCIS HQ (MD, USA)

HEALTH SECTOR
Glendale Nursing Home (NY, USA)
The Brigham and Women's Hospital, Carl J. and Ruth Shapiro Cardiovascular Center (MA, USA)
The Shriners Hospitals for Children (QC, Canada)
The Massachusetts General Hospital (MA, USA)
The Hospital Maternidad Ciudad de la Salud (Dominican Republic)
The Christiana Care Wilmington Hospital (DE, USA)
You know that DE LA FONTAINE is not just a manufacturer. We are visionaries, inventors and designers. We do not produce doors on an assembly line, but rather create hospital doors that comfort and school doors that protect; office doors that work hard and prison doors that isolate; hotel doors that welcome and residence doors that open up onto life, peace and harmony.

And it is with this approach, one which embraces the world of our clients, that we have gained the confidence of innovative architects, demanding businesses and prestigious institutions all over the world.

HOTELS AND DORMITORIES
The Southbridge Hotel & Conference Center (MA, USA)
The Antaris Suite Hotel (Mexico)
The Sandy Lane (Barbados)
The Merrimack College Student Residence (MA, USA)
The DoubleTree Hotel (PA, USA)

INDUSTRIAL AND PHARMACEUTICAL
The Niagara Power (ON, Canada)
Bayer (CT, USA)
Merck & Co. (PA, USA)
Cambridge Isotope Laboratories (MA, USA)
Pfizer (MA, USA)

TRANSPORTATION
The Montréal Metro Stations (QC, Canada)
The Pierre Elliott Trudeau Airport (QC, Canada)

SPORT INFRASTRUCTURE
The Monterrey Stadium (Mexico)
Colorado State University Stadium (CO, USA)
QUALITY PRODUCTS, RELIABLE SERVICE, AND 2-3 WEEK DELIVERY*:
THIS IS THE COMBINAISON THAT MAKES US A TRUE PARTNER.

*Larger or more complex projects may require additional time.

PHONE
1 800 565-9230

FACSIMILE
1 800 965-5928

EMAIL
sales@delafontaine.com

For complete information on our products, visit our website: DELAFONTAINE.COM