CRL SRS STANDOFF RAILING SYSTEM

CRL's Glass Rail Standoff Fittings can be used for mounting glass panels up to 3/4" (19 mm) in thickness. The 4" x 8" (102 x 203 mm) stainless steel back plate gives the installer more adjustment and six anchor points during the installation for those tricky job site mounting conditions. This back plate can be fastened directly to steel, wood, or concrete substrates and shimmed as required with blocking. The versatile standoff fitting features two 2" (51 mm) diameter caps with threaded 3/8" - 16 threaded stainless steel rods to secure the glass panel. The 2" (51 mm) diameter standoffs are mechanically fastened to a 3/8" (9.5 mm) thick 316 grade stainless steel back plate that is pre-drilled for mounting. Two popular stainless steel finishes are available - brushed or polished. Custom standoff diameters and lengths are also available. Attachment anchors for steel, wood, or concrete substrates are sold separately.

CRL GLASS RAIL STANDOFF FITTINGS RS0B20 w/ RECTANGULAR BACK PLATE

* Compact design for minimal obstruction
* Complete with mounting plate
* For use with 1/2" and 3/4" (12 and 19 mm) tempered monolithic glass applications or 9/16" & 27/32" (13.52 & 21.52 mm) laminated glass using Du Pont SentryGlas interlayers
* Brushed or polished 316 grade stainless finishes available
* Designed for steel, wood, or concrete mounting attachment

CRL GLASS RAIL STANDOFF FITTINGS RS0B20 w/ RECTANGULAR BACK PLATE

TYPICAL STANDOFF GLASS RAIL ELEVATION

TYPICAL SECTION

TYPICAL ELEVATION @ STAIRS

CRL RS0B20 STANDOFF BRACKET & FITTINGS

TOP EDGE OF GLASS

STANDARD GUARDRAIL HEIGHT

60" [1524.0 mm] MAX RECOMMENDED

GLASS PANEL WIDTH

6" [152.4 mm]

TOP OF GUARDRAIL / HANDRAIL

1 - 1/2" O.D. 1/8" WALL

LINE OF MOUNTING SUBSTRATE

TOE OF STAIR

NOSING LINE

TOP EDGE OF GLASS

TOP OF GUARDRAIL / HANDRAIL

1 - 1/2" O.D. 1/8" WALL

RECOMMENDED HANDRAIL BRACKET LOCATION

RECOMMENDED HANDRAIL 1 - 1/2" O.D. 1/8" WALL

LINE OF FINISH FLOOR

60° [1066.8 mm] MINIMUM SPACING

SPACING DEPENDS ON USE AND MOUNTING CONDITIONS

GLASS PANEL WIDTH

6" [152.4 mm]

6" [152.4 mm]

6" [152.4 mm]

4/" [12.70 mm] AIR GAPS TYP.

4/" [12.70 mm] AIR GAPS TYP.

4/" [12.70 mm] AIR GAPS TYP.

MONOLITHIC TEMPERED GLASS OR 9/16" & 27/32" (13.52 & 21.52 MM) LAMINATED TEMPERED GLASS USING DU PONT SENTRYGLAS INTERLAYERS

1/2" TO 3/4" (12 MM TO 19 MM)

MONOLITHIC TEMPERED GLASS

OR 9/16" & 27/32" (13.52 & 21.52 MM) LAMINATED TEMPERED GLASS USING DU PONT SENTRYGLAS INTERLAYERS

BRUSHED OR POLISHED 316 GRADE STAINLESS FINISHES AVAILABLE

DESIGNED FOR STEEL, WOOD, OR CONCRETE MOUNTING ATTACHMENT

Scale:

File Name:

Sheet:

Date:

Drawn By:

C.R.L.

SRS STANDOFF RAILING SYSTEM DRAWINGS

C.R.L.

C.R.LAURENCE CO. ARCHITECTURAL PRODUCTS

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Revisions By:
CRL SRS STANDOFF RAILING SYSTEM

CRL'S GLASS RAIL STANDOFF FITTINGS CAN BE USED FOR MOUNTING GLASS PANELS UP TO 3/4" (19 MM) IN THICKNESS. OPTIONAL STANDOFFS WITH DOMED CAPS & OVAL-SHAPED BACK PLATES CAN ALSO BE USED. THE 4" X 9" (102 X 228 MM) STAINLESS STEEL BACK PLATE GIVES THE INSTALLER MORE ADJUSTMENT AND FOUR ANCHOR POINTS DURING THE INSTALLATION FOR THOSE TRICKY JOB SITE MOUNTING CONDITIONS. THIS BACK PLATE CAN BE FASTENED DIRECTLY TO STEEL, WOOD, OR CONCRETE SUBSTRATES AND SHIMMED AS REQUIRED WITH BLOCKING. MOUNTING FLAT HEAD ANCHORS MAY BE CONCEALED USING A STAINLESS STEEL PLATE COVER. THIS VERSATILE STANDOFF FITTING FEATURES TWO 2-3/8" (60.3 MM) DIAMETER DOMED CAPS WITH 3/8" - 16 THREADED STAINLESS STEEL RODS TO SECURE THE GLASS PANEL. THE 2" (51 MM) DIAMETER STANDOFFS ARE MECHANICALLY FASTENED TO A 3/8" (9.5 MM) THICK STAINLESS STEEL BACK PLATE THAT IS PRE-DRILLED FOR MOUNTING. TWO POPULAR FINISHES ON THE STAINLESS STEEL BACK PLATE OR COVER MATERIAL ARE AVAILABLE - BRUSHED & POLISHED. CUSTOM STANDOFF DIAMETERS AND LENGTHS ARE ALSO AVAILABLE. ATTACHMENT ANCHORS FOR STEEL, WOOD, OR CONCRETE MOUNTING ATTACHMENT ARE SOLD SEPARATELY.

* COMPACT DESIGN FOR MINIMAL OBSTRUCTION
* COMPLETE WITH MOUNTING PLATE
* FOR USE WITH 1/2" AND 3/4" (12 AND 19 MM) TEMPERED MONOLITHIC GLASS APPLICATIONS OR 9/16" & 27/32" (13.52 & 21.52 MM) LAMINATED GLASS USING DU PONT SENTRYGLAS INTERLAYERS
* BRUSHED OR POLISHED 316 GRADE STAINLESS FINISHES AVAILABLE
* DESIGNED FOR STEEL, WOOD, OR CONCRETE MOUNTING ATTACHMENT
CRL SRS STANDOFF RAILING SYSTEM

CRL GLASS RAIL STANDOFF FITTINGS RS0B2134

These heavy duty railing standoff systems are designed for glass handrail or guardrail application standards. The single standoff fitting has a 2" (51 mm) diameter x 1-3/4" (44 mm) standard projection from the installed attachment point. Custom lengths and diameters are also available. It comes with a 3/8" - 16 x 2" (51 mm) Allen stud for mounting to steel, along with necessary rubber washers and grommet. Other attachment anchors are also available.

- Compact design with base, cap, and mounting stud
- For use with 1/2" and 3/4" (12 and 19 mm) tempered monolithic glass applications or 9/16" & 27/32" (13.52 & 21.52 mm) laminated glass using DuPont SentryGlas interlayers. Do not use with raw or annealed glass.
- Brushed or polished 316 grade stainless finishes available
- Designed for steel, aluminum, and concrete substrates

Typical standoff glass rail elevation

Typical section

Typical elevation at stairs
CRL SRS STANDOFF RAILING SYSTEM

THESE HEAVY DUTY RAILING STANDOFFS ARE DESIGNED FOR GLASS HANDRAIL OR GUARDRAIL APPLICATION STANDARDS. THE SINGLE VERSATILE STANDOFF FITTING FEATURES A 2-3/8" (60.3 MM) DIAMETER DOMED CAP WITH A THREADED 3/8" - 16 THREADED STAINLESS STEEL ROD TO SECURE THE GLASS PANEL. THE STANDOFF FITTING HAS A 2" (51 MM) DIAMETER x 1-3/4" (44 MM) STANDARD PROJECTION FROM THE INSTALLED ATTACHMENT POINT. CUSTOM LENGTHS AND DIAMETERS ARE ALSO AVAILABLE. IT COMES WITH A 3/8" - 16 x 2" (51 MM) ALLEN STUD FOR MOUNTING TO STEEL, ALONG WITH NECESSARY RUBBER WASHERS AND GROMMET. OTHER ATTACHMENT ANCHORS ARE ALSO AVAILABLE.

- COMPACT DESIGN WITH BASE, CAP, AND MOUNTING STUD
- FOR USE WITH 1/2" AND 3/4" (12 AND 19 MM) TEMPERED MONOLITHIC GLASS APPLICATIONS OF 9/16" & 27/32" (13.52 & 21.52 MM) LAMINATED GLASS USING DU PONT SENTRYGLAS INTERLAYERS. DO NOT USE WITH RAW OR ANNEALED GLASS
- BRUSHED OR POLISHED 316 GRADE STAINLESS FINISHES AVAILABLE
- DESIGNED FOR STEEL, ALUMINUM, AND CONCRETE SUBSTRATES

TYPICAL STANDOFF GLASS RAIL ELEVATION
STANDOFF FITTING RS0B2135
1 1/2" = 1'-0"
CUSTOMER NOTES:
1. DURING INSTALLATION, LOCTITE 37684 MUST BE USED WHEN INSTALLING STANDOFF CAP (CRL TO SUPPLY)

2. NOT RECOMMENDED FOR WOOD FASCIA ATTACHMENT EXCEPT FOR CASES WITH ENGINEERS APPROVAL. FOR WOOD OR ALUMINUM FASCIA APPLICATIONS, ENGINEER TO SPECIFY MINIMUM HORIZONTAL & VERTICAL SPACING BETWEEN STANDOFF FITTINGS & TYPE OF MOUNTING FASTENERS TO BE USED.

MOUNTING BOLT OPTIONS
- 3/8" X 3 3/4" LONG CONCRETE ANCHOR BOLT
- CRL CA38X334
- HILTI KBTZ BOLT
- 3/8" X 3" HANGER BOLT
- 3/8" X 2" LONG THREADED ROD