Karpen Steel
Custom Doors & Frames

The Custom Quick-Ship Professionals
Division 08 1110
MADE right.
ON time.

When we call ourselves The Custom Quick-Ship Professionals, it’s not a declaration we take lightly. That’s why we’ve adopted “Made Right. On Time.” as the internal creed by which our company operates, and we back it with strict operating procedures that guarantee you get precisely what you need when you need it.

We employ an extensive system of checks and balances to ensure we manufacture to your exact specifications, with no less than six sets of eyes checking your order as it travels through customer service and engineering on its way to our shop. There we use the highest quality, American made materials to manufacture your product.

Not only do we work hard to give you the best quality products, we are committed to getting them to you exactly when you need them, even if that deadline is just days away. Our standard lead time is 10 working days, but our RUSH programs, especially designed for time critical orders, can get you your products even faster. While there are a few exceptions, most of our products are available on a 5-day RUSH. We also have RUSH programs that range anywhere from 1 to 9 working days from receipt of order. Our customer service team can also work with freight carriers to find you expedited shipping options.

In the end, the quality and efficiency of our work is best evidenced in our phenomenal customer satisfaction rates. Time after time, our clients express their appreciation for our attention to detail, often saying it feels like the Karpen Steel team is specifically looking out for their business. For us, it’s simply a part of our service to you as The Custom Quick-Ship Professionals.
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### DISTRIBUTION

Karpen Steel Custom Doors & Frames, as a manufacturer and member of DHI and NAAMM, strongly believes in the relationship between manufacturers, distributors, contractors, and the end user or owner. We sell only to distributors in the door and hardware industry. A distributor is defined as a professional supplying to the contracting profession the assorted components of architectural openings, including skilled services. The distributor has a direct, professional, business relationship with various manufacturers in the commercial door and hardware industry.

### OUR WEBSITE CONTAINS OUR CATALOG, DRAWINGS FOR USE IN SUBMITTALS, AND COMPLETE PRODUCT LISTINGS.
Profiles to be power brake formed in accordance with details shown on plans. Jams and head to be assembled with tongue and slot connection. Miters accurately fitted, continuously welded on face, and ground smooth. Some profiles will be required to be manufactured with square cut head and jams. Spreadsers shall be welded to the bottom of the jams to ensure safe shipment and parallel alignment in field setting.

**REINFORCEMENTS**
- Hinge reinforcement 7-gauge, 12" long
- Strike reinforcement 16-gauge with 11-gauge thread depth
- Flush bolt strike reinforcement 11-gauge
- Closer reinforcement 12-gauge, 18" long
- Frames shall be suitably reinforced for closers, brackets, and all other surface applied hardware.
- Drilling and tapping of surface hardware to be done in the field by the erector.

**FINISH**
- Frames shall be thoroughly cleaned after assembly, filled when necessary to ensure a smooth finish, and given a prime coat of rust inhibiting primer paint. The primer shall be air dried.

**HINGE BACKSET**
- 5/16" standard. Other backsets available

**BACKBENDS**
- 1/2" standard. Other backbends available

**DOUBLE RABBIT**
- Equal Rabet is standard
- Unequal is available

**LEAD LINED**
- See page 9.

**FINISH**
All frames (except stainless and G90) are prime painted.
BASE FRAME PRICING
Karpen Steel’s base frame pricing is designed to allow you to give us the minimum amount of information in order to get your quote. Don’t know if the hinges are standard or heavyweight? It doesn’t matter. Don’t know if you’ll be using surface VR or flush bolts? That also doesn’t matter.

PROFILE
• Standard 1/2” backbends
• Standard double rabbit, standard single rabbit or cased open
• 2” faces head and jambs

ANCHORS
• Steel stud, wood stud, new masonry or compression anchors

HARDWARE
• Hinges:
  - 4 1/2” or 5” standard or heavy weight hinges. Hinges can be at any location and any quantity.
  - Continuous hinges
  - Surface double acting hinges
• Closer reinforced – all frames for doors are reinforced for PA and regular arm closers
• Strikes:
  - ASA, 2 3/4”, lipped or DL strikes
  - Rim panic (singles)
  - Surface VR or flush bolts (pairs)
• Silencers – If you need silencer holes, tell us; there’s no up-charge, but they’re not automatically provided

WELDED VERSUS KD
There is no add for us to weld the frames. Freight is typically less expensive for KD frames if you have your own welding shop.

UL LABELED 3-SIDED FRAMES
Karpen Steel can provide UL 3-hour labeled frames as follows:

<table>
<thead>
<tr>
<th>PROFILE</th>
<th>WELDED/KD</th>
<th>JAMB WIDTH MIN/MAX</th>
</tr>
</thead>
<tbody>
<tr>
<td>Double Rabbet</td>
<td>Welded</td>
<td>4”-14”</td>
</tr>
<tr>
<td>Single Rabbet</td>
<td>Welded</td>
<td>3”-4” 2” min. face door side</td>
</tr>
<tr>
<td>Single Rabbet</td>
<td>Welded</td>
<td>4”-14”</td>
</tr>
<tr>
<td>Double Egress</td>
<td>Welded or KD</td>
<td>5 3/4”-14”</td>
</tr>
<tr>
<td>Double Rabbet</td>
<td>KD</td>
<td>4 1/2”-14”</td>
</tr>
<tr>
<td>Single Rabbet</td>
<td>KD</td>
<td>5”-14”</td>
</tr>
<tr>
<td>Communicating Double Rabbit</td>
<td>Welded or KD</td>
<td>4 7/8”-14”</td>
</tr>
</tbody>
</table>

*Note: KD frames 2” min. face.
Welded frames 1 1/4” min. face typical.
Welded or KD 4” max. faces.

TYPICAL FRAME ANCHORS (OTHERS AVAILABLE)

![Typical Frame Anchors](image)

3/8” Bolt
Existing Opening Anchor
Steel Stud Anchor
Wood Stud Anchor

Bolts supplied with UL labeled frames

Masonry Strap Anchor
Compression Anchor

WE DO CUSTOM WORK.
Karpen Steel can manufacture customized frame elevations to suit your unique designs, including Corner Posts, Angled Borrowed Lights and Round-Top Frames. See a photo gallery on our website.

YOUR CUSTOM PROFILE HERE
**EASY TO INSTALL**

Pocket Door Frame With Attached Hollow Metal Pocket.

- Minimum Jamb Width is 4 1/2"
- For Single or Double Sliding Pocket Doors
- 16-Gauge, CRS, Standard
- Attached Hollow Metal Pocket(s) supplied with frame.
- Track by others

**TYPICAL USES**
- Medical offices
- Hotel rooms
- Areas where limited space is available

**OPTIONS**
- Lead lined
- ADA accessible
- KD frame with welded pocket
- Different wall conditions on each side of pocket

**DOUBLE EGRESS**

**DOUBLE EGRESS FRAMES**
- Jamb Width: 4 1/2" Min.
- Jamb: Double Egress Profile, 1 3/8" x 2 5/8" faces
- Head: Single Rabbot
- UL Label available

**KNocked down:**
- Jamb width: 4 1/2" min.
- Jamb and heads: double egress profile

**CUT-OFF STOPS**

**CUT-OFF STOPS**
- Frame stop cut off at 45° angle and filled
- UL Label: 6" max.
- Specify desired height when ordering

**TYPICAL USES:**
- Hospitals
- Clean rooms

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**KARPEn STEEL CUSTOM DOORS & FRAMES**
**PHONE: 828.645.4821 • FAX: 800.851.2131 • www.karpensteel.com**
UL LABEL CONFIGURATIONS

• Corner Post Frames
• Round Top Frames
• Transom and Sidelight Frames with Fixed Mullions
• A variety of configurations are available based on glazing material to be used. Send us a drawing of your specific requirements and we will work with you to provide a UL label for your opening.
• Note: Lights exceeding the rating or size limitations in NFPA 80 must be approved by the Authority Having Jurisdiction.

EXAMPLE OF UL LABELED FRAMES WITH CORNER POSTS

SPLIT JAMB FRAMES

• These frames are used in applications where the exact wall thickness cannot be determined until the old frame is removed.
• With a 6” JW, adjustability is 1” from 5 3/4” to 6 3/4” JW (4 3/4” to 5 3/4” throat).
• Available as:
  - 3-sided door frame
  - Sidelight frame
  - 4-sided door frame
  - Transom frame

SIZING OF 3-SIDED SPLIT JAMB:

• Door Opening Width = Rough Opening - 1 1/2"
• Door Opening Height = Rough Opening - 3/4"

Note: All sizing based on 2” face. Double rabbet profile only.

Contact factory for 4-sided Split Jamb sizing.

INSTALLATION INSTRUCTIONS:

1. Install Piece A (without stop) into existing opening using #8 screws. Shim as necessary to plumb and square the opening.
   This piece is installed on opposite side of the door side.
2. Place Piece B into opening. Using Piece B as a guide, drill clearance holes in Part A. Secure to wall using #14 screws.
2-PIECE SLIP FRAMES FOR BORROWED LIGHTS

BIG SELLER

A fully-welded window frame for use in existing stud-walls. No anchors required. Just cut a hole in the wall, insert the frame from both sides of the opening, install the glass, and that’s it!

SIZING

Cut the hole in the wall, give us the rough opening size, and we will size the 2-piece slip frame to fit. Or, give us your required overall dimensions, and we will advise the rough opening to fit.

• Available in cased open profile for sliding window units.
• Most sizes available in an economical 18-gage option.

INSTALLATION DRAWING

INSTALLATION INSTRUCTIONS

1. Mount larger half of frame (A) in existing opening on opposite side of wall than glass side.
2. Slide smaller half of frame (B) onto the glass side of frame. Piece (B) will overlap piece (A).
3. To hold frame together before glazing, use clamps to apply pressure from both sides of the wall. Then use at least one pop rivet per head, sill, and jambs in the over lapping rabbot to hold the frame in opening. Keep track of glass moulding and package of screws.
4. When ready to mount glass, moulding (C) will secure the glass while the sheet metal screws for the bead will also penetrate the overlap of (A) and (B) thus holding the unit in the opening.

• Mullions are welded to part (A).

OUR PROMISE TO YOU

At Karpen Steel, we pledge to back each sale with a level of customer service that raises the bar throughout the industry. From the moment you contact us, our team will provide quick, attentive and accurate service throughout the quoting and ordering process. We’ll do more than simply meet your expectations…we’ll exceed them. It’s part of our commitment to being The Custom Quick-Ship Professionals.

PYRO-VIEW**: A UL LABELED 2-PIECE SLIP FRAME

FIRE RATING

• “C” Label (45 min.)
• Max. Exposed Glass: 1156 sq. in. 34”x 34”
• Max. Glass Opening: 1296 sq. in. 36”x 36”
• Jamb Width: 4” Min. 14” Max.
• Jamb, Head, and Sill: 2” Face
• Stop Height: 1”
• 16 GA minimum

GLAZING BEAD

• 16 GA, 1’x 1’

* Patent # 5, 711, 120
**KD FRAME**

**SIZING**
Sizing of rough openings for double rabbet KD frames using 2” face material:

- **WIDTH**
  Door opening size plus 1 1/2” to 2 1/4”

- **HEIGHT**
  Door opening size plus 3/4” to 1 1/2”

We can accommodate other existing rough opening sizes if your conditions are different than noted above.

Knocked down frames are available with or without drywall returns.

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**LEAD LINED FRAMES AND DOORS**

**LEAD THICKNESSES AVAILABLE**

<table>
<thead>
<tr>
<th>Thickness</th>
<th>Description</th>
<th>1/32”</th>
<th>1/16” (standard)</th>
<th>3/32”</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/8”</td>
<td></td>
<td>5/32”</td>
<td>3/16”</td>
<td></td>
</tr>
</tbody>
</table>

Typically frames, borrowed lights and doors supplied with 1/16” thick lead.

**FRAMES**

- The lead shall be formed into the profile of the frame on the door side rabbet and stop.
- Fully lead lined frames available.
- UL Label available.

**BORROWED LIGHTS**

- 4-sided borrowed lights.
- 2-piece slip frames for borrowed lights
- Mullions can be lead lined in borrowed light and sidelight frames.
- Typically lead lined similar to door frame with glazing bead shipping loose.

**DOORS**

- 20-minute UL Label without hose stream available.
- Lead lined astragal available for pairs of doors.
- Vision lite kits available.

**VISION LITE KITS**

- Available for 1/4” and 1/2” leaded glass.
- All vision lites for lead lined doors have screws on the push side of the door.
Door Specifications
Karpen Steel fabricates Seamless Edge, Vertically Steel Stiffened and Polystyrene Core Doors.

DOOR MATERIALS

<table>
<thead>
<tr>
<th>MATERIAL TYPE</th>
<th>GAUGES</th>
<th>MAX SIZE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cold Rolled Steel (CRS)</td>
<td>14, 16, 18</td>
<td>4’ 7” x 10’ 0”</td>
</tr>
<tr>
<td>Hot Rolled Pickled &amp; Oiled (HRPO)</td>
<td>12</td>
<td>4’ 7” x 10’ 0”</td>
</tr>
<tr>
<td>A60 Galvannealed (A60 GALV)</td>
<td>12, 14, 16, 18</td>
<td>4’ 7” x 10’ 0”</td>
</tr>
</tbody>
</table>

DOOR CORE

Vertically Steel Stiffened Door Detail

- Door Skins 18-, 16- or 14-Gauge CRS or A60 Galv
- 20-Gauge Minimum Channels 6" or 8" On Center
- Edges Continuously Welded
- Hinge Reinforcement
- Compressed Thermafiber Insulation

Polystyrene Door Detail

- Square Edges Only
- Both Sides of Door 18- or 16- or 14-Gauge A60 Galvanneal Only
- Welded Edges
- Hinge Reinforcement
- Polystyrene Core

Base Door Pricing
Karpen Steel’s base door pricing is designed to allow you to give us the minimum amount of information in order to get your quote. Don’t know if the hinges are standard or heavyweight? It doesn’t matter. Don’t know if you’ll be using surface VR or flush bolts? That also doesn’t matter.

Core
- Standard Core:
  - Doors shall have continuous vertical interlocking steel stiffeners of 20-gauge and shall be spaced no further than 8” on center.
  - Doors shall be filled with mineral rock wool.
- Alternate Core:
  - Polystyrene Core with a density of 1 lb/cubic foot for 1 3/4” thick doors.
  - Face Sheets for Polystyrene Core: A60 Galvanneal

Thickness
- 1 3/4” and 1 3/8” standard thicknesses.
- Other thicknesses available from 1” up.

Reinforcements
- Top and bottom of doors shall be reinforced with continuous 16-gauge steel channels, spot welded to both sides of doors.
- Hinge reinforcements shall be 11-gauge steel angle, 12” long.
- Cylindrical lock and 8” mortise lock reinforcements shall be 16-gauge with 11-gauge thread depth.
- Other lock and closer reinforcements shall be 12-gauge.
- Doors shall be reinforced for all surface type hardware. Drilling and tapping of surface hardware to be done in the field by the installer.
- Edges of door shall be continuously seam welded, ground, and filled to ensure a smooth finish.

Hinge Backset
(1 3/4” Thick doors)
- 1/4” standard, 3/16” or 1/8” available

Finish
- Doors shall be thoroughly cleaned after assembly and given a prime coat of rust inhibiting paint. The primer shall be air dried.
- Low gloss oil base trim paints (max. gloss 25) are recommended as a finish paint.

Bevel
- 1/8” in 2” standard (18-, 16- and 14-gauge steel-stiffened doors). Square edge available.
- Square edge only (polystyrene core).

Undercut
- 3/4” standard. Other undercuts as specified.

Astragals
- Flat 14-gauge astragals are provided with pairs of doors as needed and are shipped loose for field mounting.
### UL LABELS - DOORS

<table>
<thead>
<tr>
<th>RATING &amp; LABEL</th>
<th>TYPE</th>
<th>MAX NOMINAL DOOR SIZE</th>
</tr>
</thead>
<tbody>
<tr>
<td>3-Hour (“A”)</td>
<td>1 3/4” Doors 2” Doors</td>
<td>4” 0” x 8’ 0” (Single) 8” 0” x 8’ 0” (Pair)</td>
</tr>
<tr>
<td>1 1/2-Hour (“B”) 45 Min (“C”) 20 Minute</td>
<td>1 3/4” Doors 2” Doors</td>
<td>4” 0” x 10’ 0” (Single) 8” 0” x 10’ 0” (Pair) 8” 0” x 10’ 0” (Pair) VR x VR 8” 0” x 8’ 0” Double Egress Pairs, VR x VR</td>
</tr>
<tr>
<td>3-Hour (“A”) 1 1/2-Hour (“B”) 45 Min (“C”) 20 Minute</td>
<td>1 3/4” Door 18-Gauge</td>
<td>3’ 8” x 7’ 0” (Single) 7’ 4” x 7’ 0” (Pair)</td>
</tr>
<tr>
<td>3-Hour (“A”) 1 1/2-Hour (“B”) 45 Min (“C”)</td>
<td>Double Egress Pair</td>
<td>8” 0” x 8’ 0” Karpen Steel must also supply the frame</td>
</tr>
<tr>
<td>3-Hour (“A”) 1 1/2-Hour (“B”) 45 Min (“C”)</td>
<td>Dutch Door - Single</td>
<td>4” 0” x 7’ 2”</td>
</tr>
<tr>
<td>1 1/2-Hour (“B”) 45 Min (“C”) 20 Minute</td>
<td>1 3/8” Thick Door Available in 18-Gauge</td>
<td>3’ 0” x 7’ 0”</td>
</tr>
<tr>
<td>20 Minute (without hose stream)</td>
<td>Lead Lined Door</td>
<td>4” 0” x 8’ 0” (Single) 8” 0” x 8’ 0” (Pair)</td>
</tr>
<tr>
<td>1 1/2-Hour (“B”)</td>
<td>STC 47 Acoustical Assembly. 14 Gauge Door and Frame. Sold as unit with sound seals, threshold, and 3 cam lift hinges.</td>
<td>3’ 0” x 7’ 0”</td>
</tr>
<tr>
<td>250 Degree 1 1/2-Hour (“B”)</td>
<td>Temperature rise, typical in stairwells. Core: mineral coreboard</td>
<td>4” 0” x 8’ 0” (Single) 8” 0” x 8’ 0” (Pair)</td>
</tr>
</tbody>
</table>

### 12-GAUGE DOOR

**MATERIAL**
- 12-Gauge face sheets of HRPO or A60 Galvannealed Steel

**THICKNESS**
- Actual door thickness: 1 7/8”
- Other door thicknesses available, such as 1 3/4” and 2”

**CORE**
- Doors shall have continuous vertical interlocking steel stiffeners of 20-gauge and shall be spaced no further than 8” on center.
- Doors shall be filled with mineral rock wool.

**REINFORCEMENTS**
- Reinforcements for security and specialty hardware available.

**EDGE CONSTRUCTION**
- Square both sides.
- Continuously seam welded.

### PANELS
Panels are available for installation in sidelite and transom frames as well as for installation in door vision light kits. The styles that are available are:
- 1 3/4” or 1 3/8” thick steel stiffened
- 1 3/4” thick with polystyrene core
- 1” thick with polystyrene core sandwich panel
- 1/4” thick sandwich panel with masonite core
- Single flat pieces of 12 gage steel

*Note: Positive Pressure Labels apply to all UL doors. Vision lights available. Doors are 16- or 14-gauge vertically steel stiffened unless otherwise specified in table.*
VISION LIGHTS

CUSTOM VISION LIGHT OPTIONS
• Thick Glass Kits
• Muntin Bars
• Custom Sizes
• Flush Kits
• Creative Designs

Karpen Steel’s standard is Low Profile Vision Light Kits and Louvers.

See our website for various Vision Light and Louver Kit options and visit the door photo gallery.

SPECIALTY LOUVERS
• An integral fixed blade louver is available for custom sizes in 2” height increments.
• Louvers available in CRS or Galvannealed in 16-, 14- or 12-gauge.
• Fusible Link Louvers for 1 1/2 hr. labeled doors are available up to 24” x 24”

TYPICAL DOOR DESIGNS

Flush  Square Vision Light  Narrow Vision Light  Half Glass  Full Glass

Round Vision Light  Bottom Louver  Full Louver  Half Glass w/ Bottom Louver  Half Glass w/ Muntin Bars
STC RATINGS
- Operable door tests in accordance with ASTM E90 Copies of test results are available.
- STC 47: Single: Flush
  - UL Label 1 1/2 hour
  - 3’ 0” x 7’ 0” Max.
- STC 41: Single: Vision Light
  - 3” x 33” exposed glass or
  - 10” diameter round
- STC 38: Pair: Flush
  - Provided with double astragals

FRAME
- 14 Gauge cased open

DOOR
- 14 Gauge
- Vertically steel stiffened, seamless edge

STANDARD FINISH
- Clear Anodized Aluminum Hardware
- All Doors and Frames are Primer Finished
- All Cam Lift Hinges are Stainless Steel

![Sound Control Diagram]

<table>
<thead>
<tr>
<th>STC VALUE</th>
<th>RATING</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>50-60</td>
<td>Excellent</td>
<td>Loud sounds heard faintly or not at all.</td>
</tr>
<tr>
<td>40-50</td>
<td>Very good</td>
<td>Loud speech heard faintly but not understood.</td>
</tr>
<tr>
<td>35-40</td>
<td>Good</td>
<td>Loud speech heard but hardly intelligible.</td>
</tr>
<tr>
<td>30-35</td>
<td>Fair</td>
<td>Loud speech understood fairly well.</td>
</tr>
<tr>
<td>25-30</td>
<td>Poor</td>
<td>Loud speech audible.</td>
</tr>
<tr>
<td>20-25</td>
<td>Very poor</td>
<td>Normal speech understood easily and distinctly.</td>
</tr>
</tbody>
</table>

Sold as unit only.
Price includes frame, door, crate, and hardware.
Zero International sound seals and hinges are supplied. The distributor only needs to supply the lock and closer.
DUTCH DOORS

- Typically used in supply rooms
- Can be made in same gauge, size or thickness as our other doors.
- Criteria for UL Labeling:
  - 4’ 0” x 7’ 2” Single Door Opening
  - 1 3/4” thick door
  - Top and bottom leafs must latch into strike jamb of frame.
  - Astragal provided between leafs
  - Single shelf optional

DUTCH DOOR SHELF OPTIONS

Door Width

SINGLE SHELF

9 3/4”

Customer to cut or grind bevel on end of shelf to match door bevel at installation.

DOUBLE SHELF

12”

*Other configurations available

DOOR HANDLING CHART

Door hand is always determined from the outside, on key side, facing the door.

RIGHT HAND

Hinges on right. Swing inward.

Hinges on left. Swing inward.

RIGHT HAND REVERSE

Hinges on right. Open outward.

Hinges on left. Open outward.

LEFT HAND

Hinges on right. Swing inward.

Hinges on left. Swing inward.

LEFT HAND REVERSE

Hinges on right. Open outward.

Hinges on left. Open outward.

Right hand active on pair.

Left hand active on pair.

Right hand reverse active on pair.

Left hand reverse active on pair.
MISCELLANEOUS METAL PRODUCTS

JUNCTION BOXES:
Junction boxes are used on frames to terminate conduit at the electrified hardware preps. They are often used with Electric Power Transfer (EPT), hinges, strikes, and Door Position Switches.

The junction boxes manufactured by Karpen Steel are typically 12” long, which makes them easier to use, and they are made with a removable back. Karpen Steel can provide the boxes either as part of a frame order, or in bulk for use by a distributor.

Z ASTRAGALS
This astragal typically attaches to the inactive door overlapping the inactive on the pull side and the active on the push side. The tabs for mounting hardware (such as flush bolts and strikes) are located on the Z Astragal itself.

The astragals are 14 Gage A60 Galvanneal steel and can be made for beveled or square edge doors.

DOOR EDGE GUARDS
Door edge guards can be made either as just a channel to fit over an existing door or with a flat astragal attached. The tabs for mounting hardware are located on the door edge guard as required.

The door edge guards are 14 Gage A60 Galvanneal steel and can be made for beveled or square edge doors.

REMOVABLE STOP AND GLAZING BEAD MOULDING
Removable stops can be manufactured in order to convert a cased open frame to a frame for a door. Typically they are 5/8” high by width as required.

Special sizes of glazing bead are available either as part of a borrowed light or sidelight frame order, or by themselves.

PACKAGING AND SHIPPING

SHIPPING TERMS
- We typically ship freight prepaid. We select the LTL or truckload carrier that offers the best service to your area of the country.

CRATING
- Karpen Steel doors are individually crated to ensure protection during shipment. Larger shipments are palletized.
- Set-up and welded frames are crated individually or multiple units per crate depending on size. Large orders of KD frames are palletized.

AIR FREIGHT
- Need rapid delivery? Call for air freight estimates.

PACKAGE SERVICE
- Single KD frames can be shipped with a package service with some size restrictions.
- Small borrowed light frames and panels are also available to ship with a package service.
- Maximum weight for material and packaging is 90 lbs. Frames are shipped in heavy-weight corrugated boxes.

STORAGE OF MATERIALS

- Doors and frames shall be received by the contractor at the job site and handled in a manner so as not to be damaged.
- Store all materials in a dry area, under a vented tarpaulin or plastic cover.
- Do not stack material flat; store doors and frames in an upright position, preferably with heads uppermost.
- Do not permit cardboard or paper containers or wrapping to become wet. If this should occur, remove them immediately.

WARRANTY

Karpen Steel Custom Doors & Frames warranties its material for a one-year period from the date of delivery to the original direct purchaser. Karpen Steel warrants to the distributor of its doors and frames that it will at its option, either repair, replace or otherwise correct any product acknowledged by the manufacturer to be defective in materials or workmanship.

All of Karpen Steel’s products are sold without any other further warranties, expressed or implied. Fitness of material for a particular purpose is hereby disclaimed.

The warranty is considered to be null and void if the products are subject to abuse, accident, misapplication, or incorrect installation.

KARPEN STEEL CUSTOM DOORS & FRAMES
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