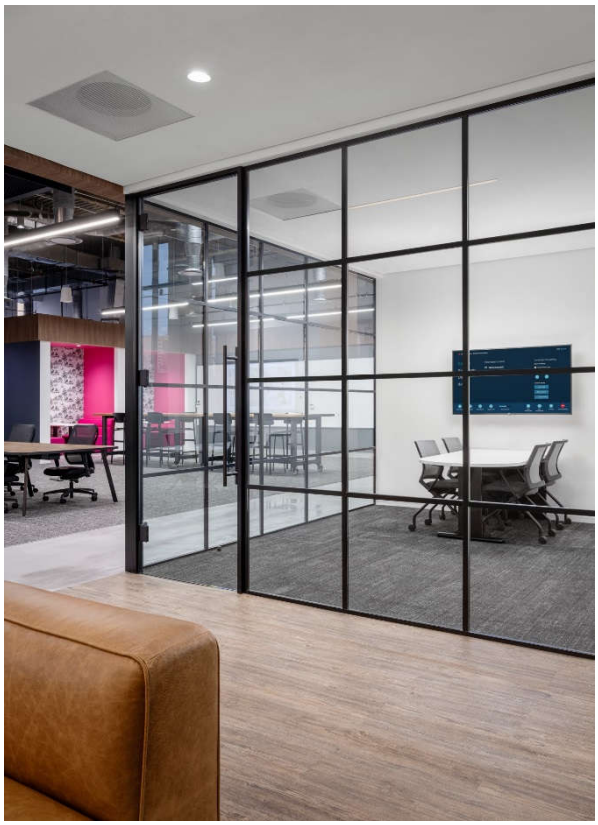
DESIGN 1 – Framing System



- Design 1 is Raco's most slimline system it provides a profile of 1-1/8" with a state of the art compression glazing technology.
- For use with 225 series door frames and a 1" snap-on trim providing a 3" depth. (Also compatible with Solutions II frames).
- Horizontal & Vertical Mullions available with 1-1/8" profiles
- Framing will abutt a finished opening and can be used in any wall size.

FIXED THROAT SIZES

2-1/4"

Design 1 Glazing can be used with Solutions II frames offering a variety of throat sizes as needed.

FRAME PROFILE

Standard:

1" at Door Frame

1-1/8" at Lites

Door Frame Trim Also Available:

1-1/2", 2", 3", 4", 5", 6", 10"

GLASS THICKNESS

For use with 3/8" Glass Only

3M TAPE OPTIONS

Black or Grey

(Bumper tape in Black only)

MAXIMUM HEIGHT

10'-0" Overall Height

MAXIUMU WIDTH BETWEEN VERTICALS (when a horizontal mullion is incorporated in the design)

40" Daylight Opening

Materials:

- Aluminum meets the requirements of ASTM B221
- Uses a 6063T5 Alloy, averaging .0625" thick walls
- Aluminum billets composed of at least 33% recycled aluminum, 48% post-industrial scrap, 30% consumer scrap & 22% primary aluminum.
- Onsite & virtual training is available upon request. Field techs will assist through install process.
- All framing material provided knock-down for field installation by others. Installation is via a clipping method.
- Factory finished in Polycron baked enamel coating (.08 minimum - 1.1 mil thickness) or Class II Anodonic finished (acid etched, medium matte (0.4 minimum - 0.7 mil thickness)

Design:

- Abutts finished walls
- Slimline design for use with 3/8" glass only.
- Multiple trim profiles can be incorporated on the door frame to allow for unique design variations.
- Pair this with our Narrow Stile doors for a clean, modern appearance.
- Corner post conditions are available.
- No glazing vinyl required. Glass is held in place by a custom designed 3M VHB tape that bonds the glass to the frame.

TECHNICAL SUPPORT

In addition to your experienced Sales Group, including Project Managers, Drafters and Sales Associates; Raco offers field technicians that can train you on installation or assist with difficult conditions. There is also a network of local Sales Representatives willing to help you through design and completing of your project

WEBSITE

www.racointeriors.com

Raco's website offers additional information about our products and contains Technical Resources including: Installation Instructions & Videos, Product Details in both PDF & CAD options, and Order & Proposal Request forms.

CONTACT

Contact information for Local Sales Representative can be found at the website

Phone: (800) 272-7226

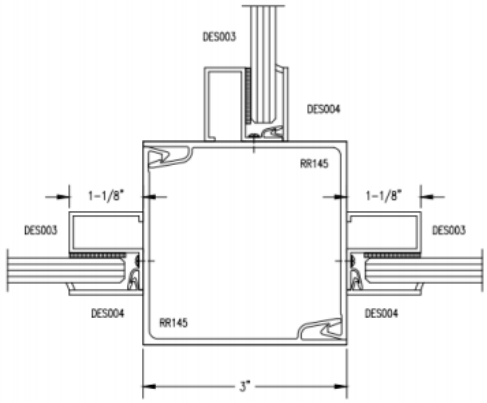
Email Quote Request:

estmating@racointeriors.com

Email Customers Service:

customerservice@racointeriors.com

Features and Benefits



Slim 3" square corner post options available. Allowing for creative office and conference room layouts to truly showcase the space.

- Raco's Design 1 frames, install on finished walls. Allowing for later install and less finishing work after install is completed.
- Our Frames are prefinished. We offer standard finishes in: Black, Bronze and White Painted or Class II Clear Anodized. However, Raco will match your custom color finish in our Baked-on Polyester based finish providing your frames with that clean, professional, quality finish.
- Design 1 frames offer compatibility with some standard hardware to keep area's safe and managed, as needed.
- The engineering of this product allows for the channel to be centered on the walls or offset. Providing another feature for creative design.
- Mullions are not required on long runs of glass; butt glazing design can offer clear sight-lines & a open feel.
- Raco has a drafter in house and will provide our products submittal packages (pricing is included in your proposal)

Frame Install Requirements/Info

- Finished Drywall Openings. Design 1 Frame abutt the walls. Must be installed Plumb, Level & Square.
- Raco includes structural support anchors that attach to the floor at the strike jambs (install with Tapcons by others).
- Material installs with a combination of clips and screws. Material can be shipped in stock lengths or nominal cut sizes.
- 3M Tape goes on the inside of the glass and bonds the glass to the framing. Bumper take installs on the outside of the glass, between the glass & the final glazing cover.

See Website for complete sets of Installation instructions

OTHER PRODUCTS:

Raco Solutions II Frames
Raco Classic Frames
Glass Aluminum Doors
All Glass Doors
Flush Glazed Frame System

7354 Denny Road
Houston, TX 77040
www.racointeriors.com