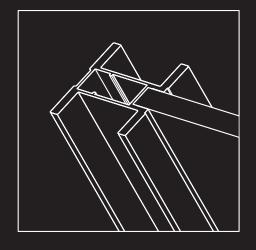
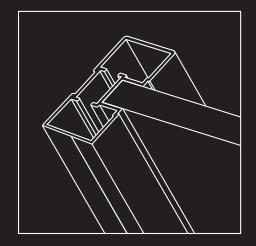
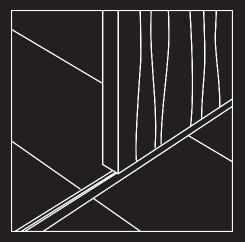
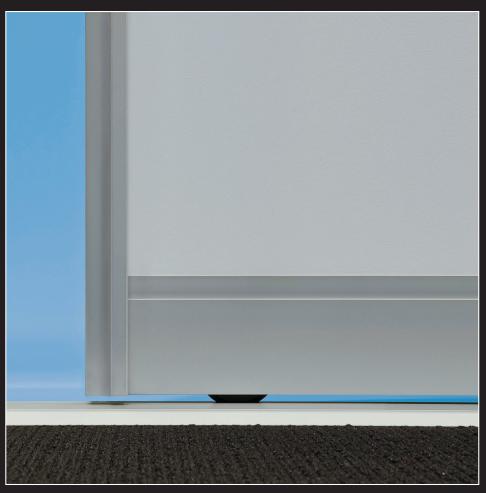
SLIDING DOOR SYSTEM_ \$42

TECHNICAL BOOK









System description

Accessories



SLIDING DOOR SYSTEM

- 1.0_ System description, Sliding panel_ page 03
- 2.0_ Profiles_ page 04
- 3.0_ System description, Fixed panels_ page 07
- 4.0_ Profiles_ page 08
- 5.0_ Accessories / S1600_ page 10
- 6.0_ Profile finishes_ page 13
- 7.0_ Panels_ page 14
- 8.0_ Top tracks_ page 16
- 9.0_ Bottom Tracks_ page 18
- 10.0_ Accessories_ page 21



The key features of our made-to-measure system are versatility in customization and quality of our hardware allowing for individual solutions and unparalleled operation. The S42 system is ideal for applications in commercial and residential environments.

Doors can be ordered fully assembled with our standard panel materials or as frame kits to accommodate a panel material of your choosing. Assembly of doors with

customer's own materials (COM) is available; please contact Raumplus for more information.

1.2_ Fully assembled door

Made-to-measure per specifications with the following design parameters:

- _ Maximum height 3048mm [10-0"]
- _ Maximum width 1829mm [6'- 0"]
- _ Maximum weight 180kg [390lbs]
- _ Standard finish: Clear anodized aluminum (silver)
- _Top / bottom tracks shipped 50mm [2"] over-length for trimming on-site
- * Door sizes limitations, per panel material selection

System components (quantity per door):

Top Track

- 1_Top track (varies by order)
- 2_ Positioning for top track (2)

Door

- 3_Top roller (2)
- 4_Top rail (1)
- 5_ Stile (2)
- 6_ Frame screw (4)
- 7_ Plug / cover (4)
- 8_ Brush gasket (1 stile only)
- 9_ Panel (varies by order)
- 10_ Panel gasket (all sides of panel)
- 11_ Bottom rail (1)
- 12_ Height adjustment screw (2)
- 13_ Bottom roller (2)

Bottom track

- 14_ Bottom track (varies by order)
- 15_ Inset cover (for double or triple tracks only)
- 16_ Reinforcement plate * not shown

1.3_ Frame kit

Frame kits are made-to-measure per specifications and ready for assembly using customer's own panel material. In addition to the design parameters listed for fully assembled doors, please consider the following:

Maximum height 3048mm [10'-0"]

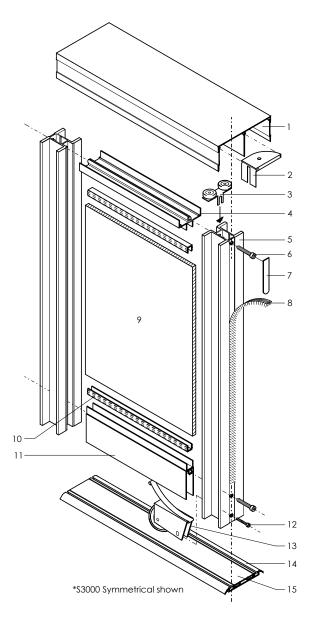
Maximum width 1829 [6'-0"]

- _ Minimum panel thickness 4mm [5/32"]
- _ Maximum glass thickness 8mm [5/16"]
- _ Maximum solid panel thickness 10mm [3/8"]

Appropriate panel gasket to be specified when ordering:

_ 4mm [5/32"], 5mm [3/16"], 6mm [1/4"], 7mm [9/32"], 8mm [5/16"]

Gasket not required for solid 10mm [3/8"] material





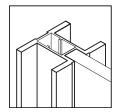
SLIDING DOOR SYSTEM

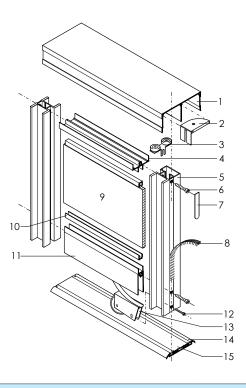
2 Profiles 2.1_ S1500 Isometric view Each sliding door is composed of the following: Top track 1_Top track (varies by order) 2_ Positioning for top track (2) 3_Top roller (2) 4_ Top rail (1) 5_ Stile (2) 6_ Frame screw (4) 7_ Plug / cover (4) 8_ Brush gasket (1 stile only) 9_ Panel (1) 10_ Panel gasket (all sides of panel) 11_ Bottom rail (1) 12_ Height adjustment screw (2) 13_ Bottom roller (2) Bottom track 14_ Bottom track (varies by order) 15_ Inset cover (varies by order) 13 16_ Reinforcement plate * not shown 14 15 S1500 Section and stile detail Square 20 [13/16"] [3 13/16"] 40 [1 9/16"] [1 5/8"] S1500 Stile Standard: Clear anodized aluminum (silver) Application [2 1/4"] Residential / commercial projects Room dividers or passage doors * Doors do not have ablitity to telescope when used in mulitples Max size 1829mm x 3048mm [6' x 10'] Max weight 180kg [390lbs] Panel thickness 4mm [3/16"] to 10mm [3/8"] *10mm no gasket [1 13/16"] * Door sizes limitations, per panel material selection 25



[1"]

2.2_S3000 Isometric view





Each sliding door is composed of the following:

Top track

- 1_Top track (varies by order)
- 2_ Positioning for top track (2)

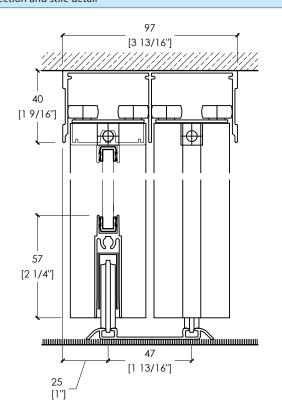
Door

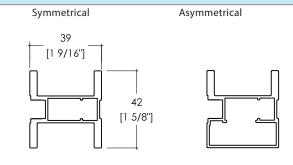
- 3_Top roller (2)
- 4_Top rail (1)
- 5_ Stile (2)
- 6_ Frame screw (4)
- 7_ Plug / cover (4)
- 8_ Brush gasket (1 stile only)
- 9_ Panel (1)
- 10_ Panel gasket (all sides of panel)
- 11_ Bottom rail (1)
- 12_ Height adjustment screw (2)
- 13_ Bottom roller (2)

Bottom track

- 14_ Bottom track (varies by order)
- 15_ Inset cover (varies by order)
- 16_ Reinforcement plate * not shown

S3000 Section and stile detail





S3000 Stile

Finish

Standard: Clear anodized aluminum (silver)

Application

Residential / commercial projects

Room dividers or passage doors

* Doors do not have ablitity to telescope when used in mulitples

Dimensions

Max size 1829mm x 3048mm [6' x 10']

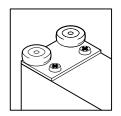
Max weight 180kg [390lbs]

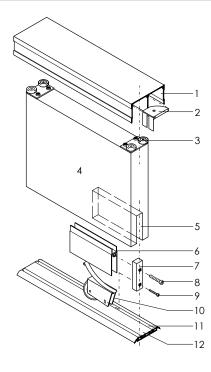
Panel thickness 4mm [3/16"] to 10mm [3/8"] * 10mm no gasket

* Door sizes limitations, per panel material selection

SLIDING DOOR SYSTEM

2.3_ S42 Solid door hardware isometric view





Each sliding door is composed of the following:

Top track

- 1_ Top track (varies by order)
- 2_ Positioning for top track (2)

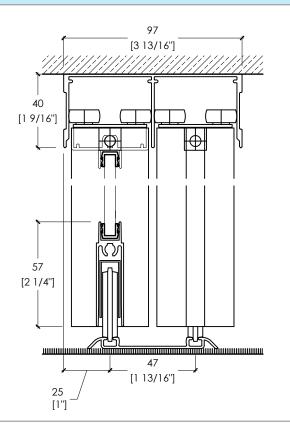
Door

- 3_Top roller (2)
- 4_ (Material by others)
- 5_ (Cut out for Bottom rail and Connector, both sides)
- 6_ Bottom rail insert (2)
- 7_ Bottom roller connector (2)
- 8_ Frame screw (2)
- 9_ Height adjustment screw (2)
- 10_ Bottom roller (2)

Bottom track

- 11_ Bottom track (varies by order)
- 12_ Inset cover (varies by order)

S42 Solid door hardware section and stile detail



S42 Solid door hardware

Finish

Standard: Clear anodized aluminum (silver)

Application

Residential / commercial projects

Room dividers or passage doors

Dimensions

Max weight 180kg [390lbs]

Panel thickness min 38mm [1 1/2"], max 42mm [1 5/8"]

Included in hardware set (one door)

- (2) top rollers, (2) bottom rollers, (2) bottom rail inserts (4"minimum),
- (2) bottom roller connectors, (2) height adjustment screws, (2) frame screws, (2) positioning for top track
- *Top and bottom tracks sold separately

FIXED PANEL

System description_ S42_ S1500, S3000, Solid Door Hardware, S1600 Fixed Panel
Sliding door system



The key features of our made-to-measure system are versatility in customization and quality of our hardware allowing for individual solutions and unparalleled operation. The S42 fixed panel system is ideal for applications in commercial environments.

Fixed panels can be ordered fully assembled with our standard panel materials or as frame kits to accommodate a panel material of your choosing. Assembly of fixed panel with customer's own materials (COM) is available; please contact Raumplus for more information.

3.2_ Fully assembled panel

Made-to-measure per specifications with the following design parameters:

- _ Maximum height 2743mm [9-0"]
- _ Maximum width 1524mm [5'- 0"]
- _ Maximum weight 180kg [390lbs]
- _ Standard finish: Clear anodized aluminum (silver)
- _Top / bottom tracks shipped 50mm [2"] over-length for trimming on-site

System components (quantity per panel):

Top track

1_Top track (varies by order)

Fixed panel

- 2_Top rail (1)
- 3_ Stile (2)
- 4_ Frame screw (4)
- 5_ Plug / cover (4)
- 6_ Panel (1)
- 7_ Panel gasket (all sides of panel)
- 8_ Bottom rail (1)
- 9_ Ground connection profile + ground cover profile (1 each)

3.3_ Frame kit

Frame kits are made-to-measure per specifications and ready for assembly using customer's own panel material. In addition to the design parameters listed for fully assembled fixed panel, please consider the following:

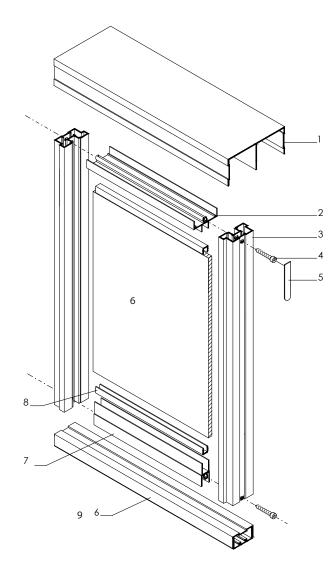
Maximum height 3048mm [9'-0"]

Maximum width 1829 [6'-0"]

- _ Minimum panel thickness 4mm [5/32"]
- _ Maximum glass thickness 8mm [5/16"]
- _ Maximum solid panel thickness 10mm [3/8"]

Appropriate panel gasket to be specified when ordering:

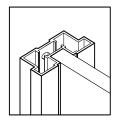
- 4mm [5/32"]
- _5mm [3/16"]
- _6mm [1/4"]
- _ 7mm [9/32"]
- _8mm [5/16"]
- *Gasket not required for solid 10mm [3/8"] material

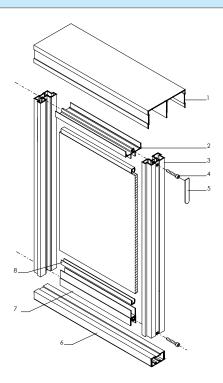


SLIDING DOOR SYSTEM

4_ Profiles 4.1_ S1600 Isometric view Each fixed panel is composed of the following: Top track 1_Top track (varies by order) Fixed panel 2_Top rail (1) 3_ Stile (2) 4_ Frame screw (4) 5_ Plug / cover (4) 6_ Panel (1) 7_ Panel gasket (all sides of panel) 8_ Bottom rail (1) 9_ Ground connection profile + ground cover profile (1 each) 10_ Shims, not shown (6) S1600 Section and stile detail S1600 50 20 [3/4"] [2"] [1 9/16"] [1 5/8"] S1600 Stile Finish Standard: Clear anodized aluminum (silver) Application Residential / commercial projects Dimensions Max size 1829mm x 2743mm [6' x 9'] 22 Max weight 180kg [390lbs] 37 [7/8"] Panel thickness 4mm [3/16"] to 10mm [3/8"] *10mm no gasket [1 7/16"] 15 * Door sizes limitations, per panel material selection [9/16"]

4.2_ S1600 Isometric view





Each sliding door is composed of the following:

Top track

- 1_Top track (varies by order)
- 2_ Positioning for top track (2)

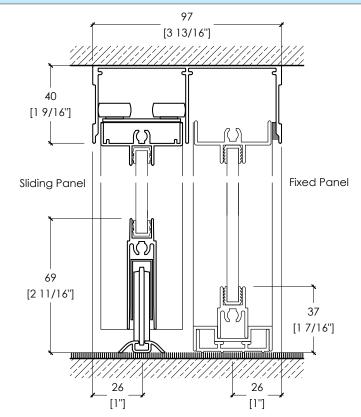
Door

- 3_Top roller (2)
- 4_Top rail (1)
- 5_ Stile (2)
- 6_ Frame screw (4)
- 7_ Plug / cover (4)
- 8_ Brush gasket (1 stile only)
- 9_ Panel (1)
- 10_ Panel gasket (all sides of panel)
- 11_ Bottom rail (1)
- 12_ Height adjustment screw (2)
- 13_ Bottom roller (2)

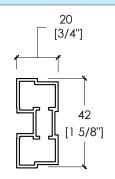
Bottom track

- 14_ Bottom track (varies by order)
- 15_ Inset cover (varies by order)

S1600 Section and stile detail



S1600



S1600 Stile

Finish

Standard: Clear anodized aluminum (silver)

Application

Residential / commercial projects

Room dividers or passage doors

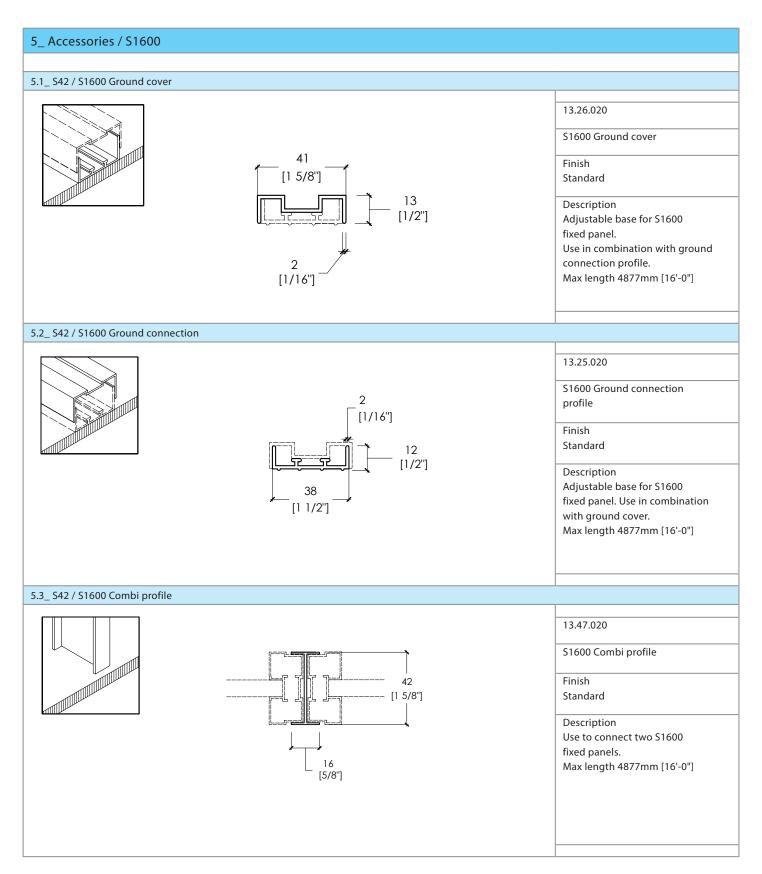
Dimensions

Max size 1829mm x 2743mm [6' x 9']

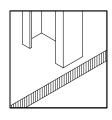
Max weight 180kg [390lbs]

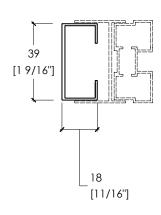
Panel thickness 4mm [3/16"] to 10mm [3/8"] *10mm no gasket

* Door sizes limitations, per panel material selection



5.4_ S42 / S1600 Wall connection profile





13.43.020

S1600 Wall connection profile

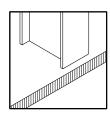
Finish

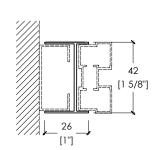
Standard

Description

Use to connect fixed panel to wall.
Use in conjunction with wall
combi profile.
Max length 4877mm [16'-0"]

5.5_ S42 / S1600 Wall combi profile





13.49.020

S1600 Wall combi profile

Finish

Standard

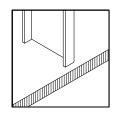
Description

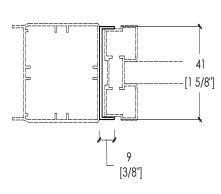
Use with wall connection profile to connect panel to wall connection.

Max length 4877mm [16'-0"]

*Provides 13mm [1/2"] vertical adjustment

5.6_ S42 / S1600 Cover for corner profile





13.48.020

S1600 Cover for corner profile

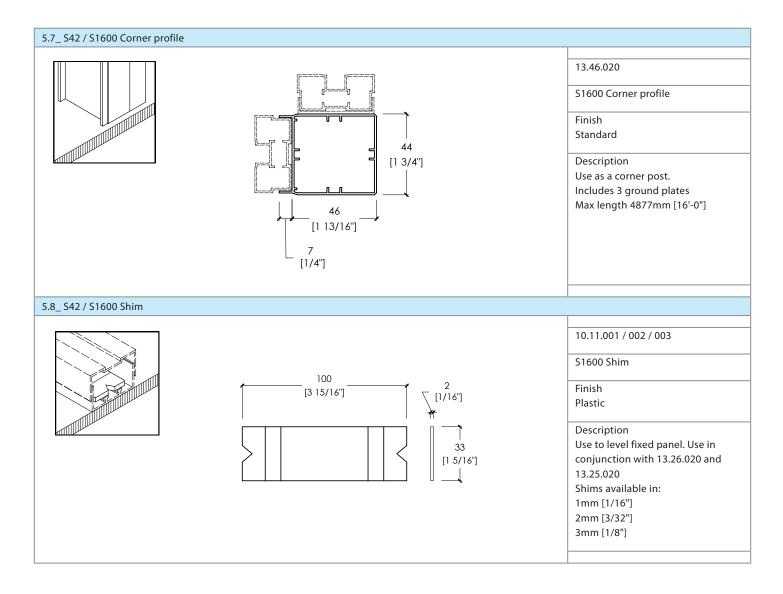
Finish

Standard

Description

Use in combination with corner post for multiple direction fixed panels. Used as end cover for fixed panel not connected to a wall.

Max length 4887mm [16'-0"]



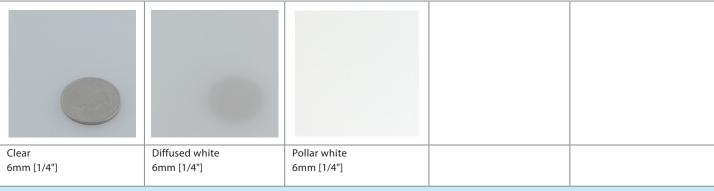
6_ Profile finishes							
6.1_ Standard finish _ Clear anodized aluminum (silver)							
A factory applied finish, anodizing increases wear resistance and gives the surface a smooth matte aluminum appearance. Color for representation purposes only.							
Standard finish Clear anodized (silver)							



7_ Panels							
7.1_ MDF							
Medium density fiberboard (MDF) is an engineered wood product made of wood fibers, wax and resin. MDF is an ideal surface for painting, application of direct glue wall-covering, or a base for upholstered panels. Maximum size 1219mm x 2438mm [4'-0" x 8'-0"]. Colors for representation purposes only.							
MDF 10mm [1/4"]							
7.2_ Magnetic marker board							
Porcelain enamel coated magnetic marker board is a white dry erase board. Maximum size 1219mm x 2438mm [4'-0" x 8-0"]. Avaliable as single or double sided. Colors for representation purposes only.							
FAR28 KONZEPT APPARTHENT							
6mm [1/4"]							

7.3_ Laminated glass

Laminated glass, often referred to as "safety glass", is strong and durable and designed to maintain its integrity in the event of breakage. Maximum size, clear and diffused 1829mm x 3048mm [6' x 10']. Maximum size, polar 1524mm x 2743mm [5' x 10']. May contain glass manufacturer safety mark.



7.4_Tempered glass

Tempered glass is manufactured to exact size and is stronger than regular glass. If broken the glass shatters into small fragments instead of sharp shards. Maximum size 1524mm x 2743mm [5'-0" x 9'-0"]. Colors for representation purposes only. May contain glass manufacturer safety mark.

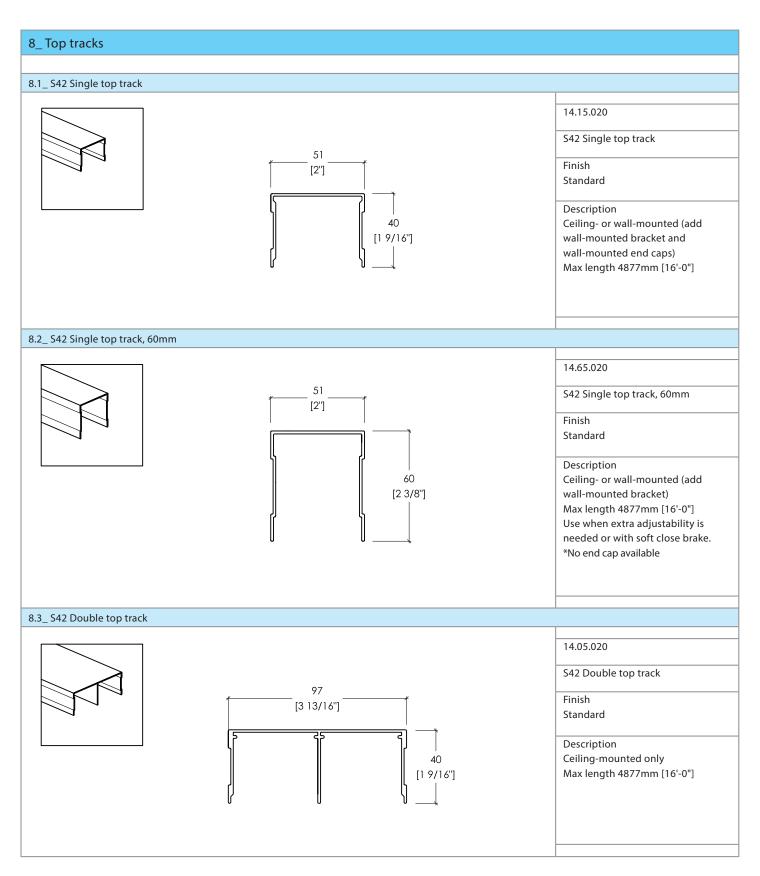


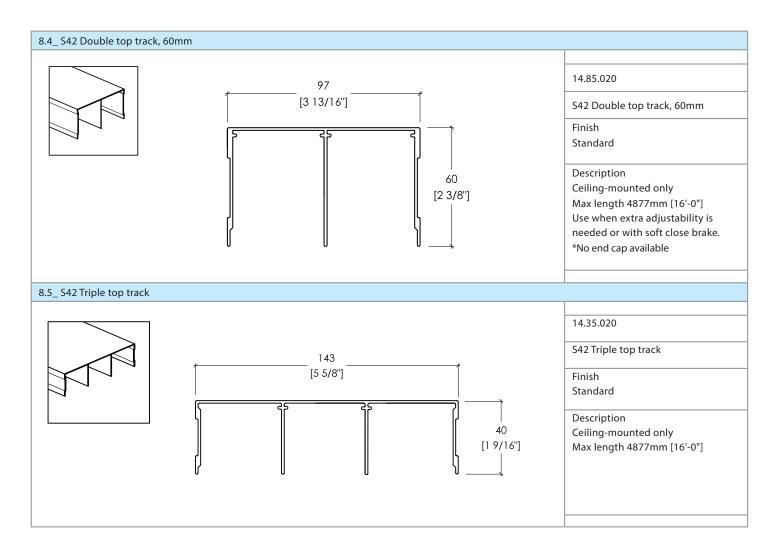
7.5_ Mirrored glass

Silver mirror backed with a safety film. Single-sided mirror only, best used for closets. Maximum size 1219mm x 2438mm [4'-0" x 8'-0"]. Colors for representation purposes only.



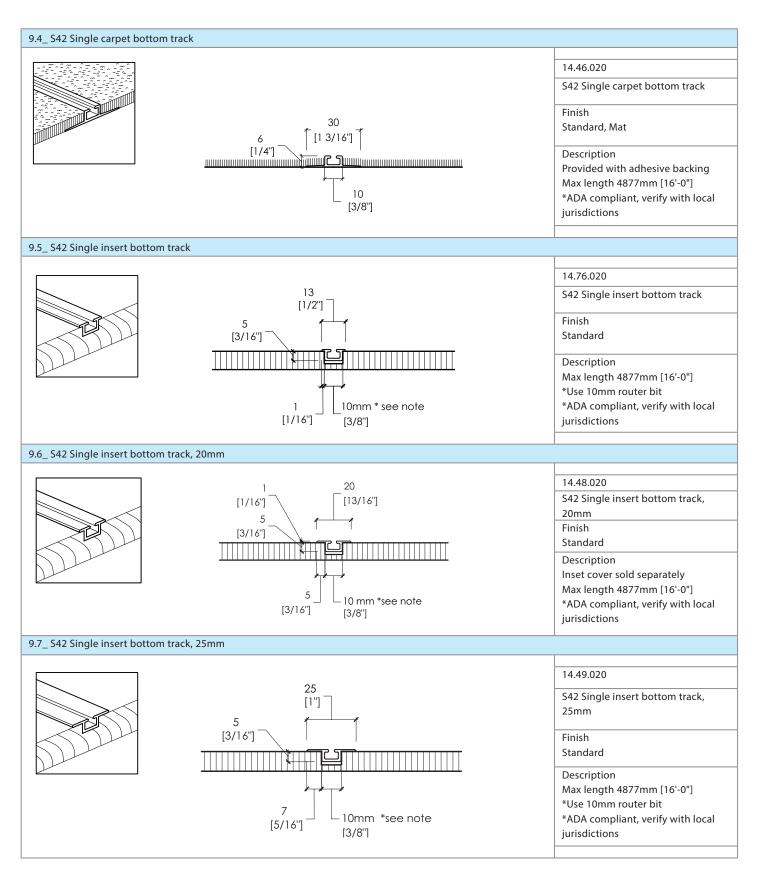


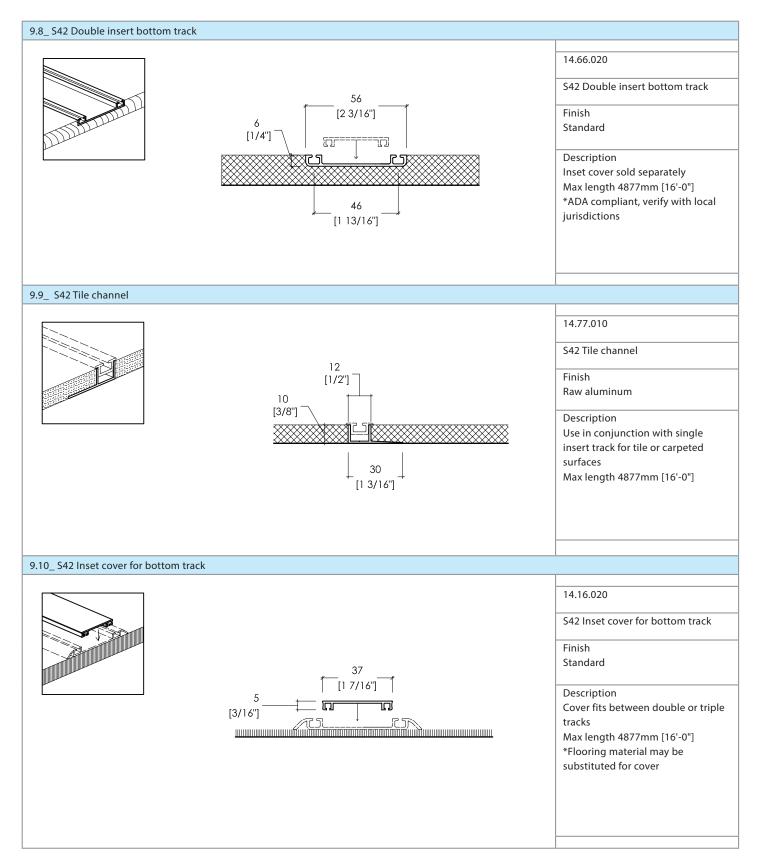




SLIDING DOOR SYSTEM

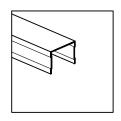
9_ Bottom tracks 9.1_ S42 Single surface-mounted bottom track 14.56.020 S42 Single surface-mounted 25 bottom track [1"] Finish Standard Description Provided with adhesive backing Max length 4877mm [16'-0"] *ADA compliant, verify with local [5/16"] jurisdictions 9.2_ S42 Double surface-mounted bottom track 14.06.020 S42 Double surface-mounted 71 bottom track [2 13/16"] Finish [1/4"] Standard Description Provided with adhesive backing [1 13/16"] Inset cover sold separately Max length 4877mm [16'-0"] [5/16"] *ADA compliant, verify with local jurisdictions 9.3_ S42 Triple surface-mounted bottom track 14.33.020 S42 Triple surface-mounted bottom track 117 [4 5/8"] Finish Standard [1/4"] **r** n Description Provided with adhesive backing Inset covers sold separately 46 Max length 4877mm [16'-0"] [1 13/16"] [1 13/16"] *ADA compliant, verify with local jurisdictions [5/16"]

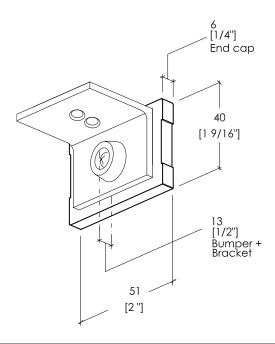




10_ Accessories

10.1_ S42 End cap for single top track / ceiling-mounted





10.08.291

includes 1 x 10.08.491

S42 End cap for single top track/ceiling-mounted

Finish

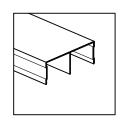
Standard

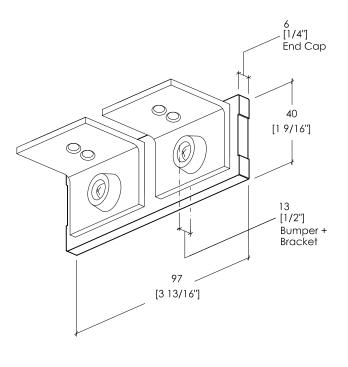
Description

For ceiling-mounted top tracks Includes (1) single end cap (1) zinc bracket, (1) bumper, and (1) screw Add 13mm [1/2"] extra track when using end cap

Ceiling fasteners not included

10.2_ S42 End cap for double top track / ceiling-mounted





10.08.292

includes 2 x 10.08.491

S42 End cap for double top track / ceiling-mounted

Finish

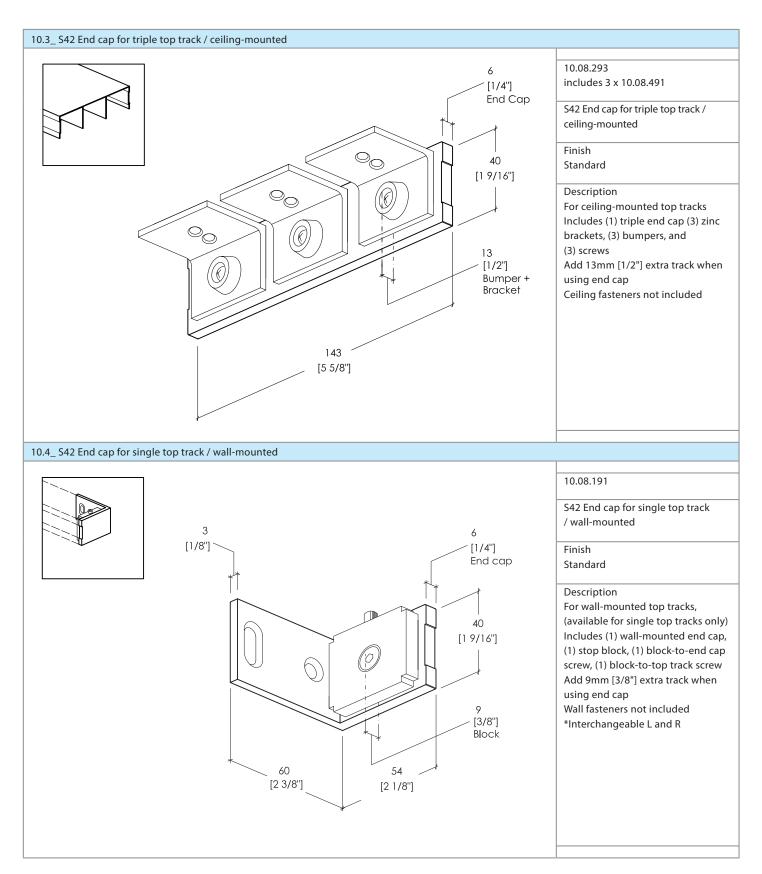
Standard

Description

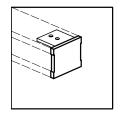
For ceiling-mounted top tracks Includes (1) double end cap, (2) zinc brackets, (2) bumpers, and (2) screws

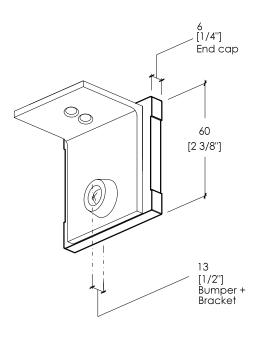
Add 13mm [1/2"] extra track when using end cap

Ceiling fasteners not included



10.5_ S42 End cap for single top track, 60mm / ceiling-mounted





10.08.341

includes 1 x 10.08.297

S42 End cap for single top track, 60mm / ceiling-mounted

Finish

Standard

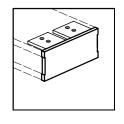
Description

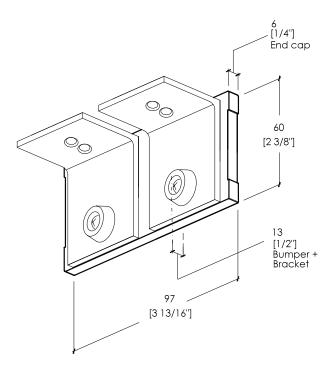
For ceiling-mounted top tracks Includes (1) single end cap (1) zinc brackets, (1) bumpers, and (3) screws

Add 13mm [1/2"] extra track when using end cap

Ceiling fasteners not included

10.6_ S42 End cap for double top track, 60mm / wall-mounted





10.08.342

includes 2 x 10.08.297

S42 End cap for single top track / wall-mounted

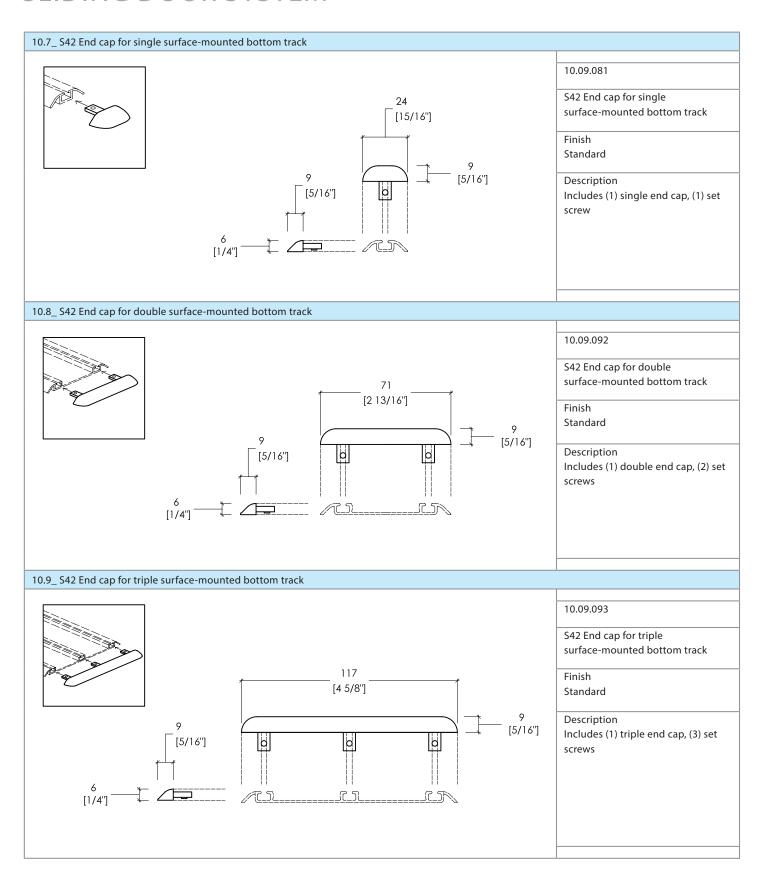
Finish

Standard

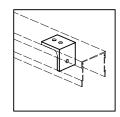
Description

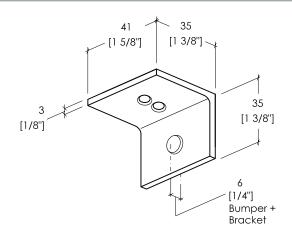
For wall-mounted top tracks, (available for single top tracks only) Includes (1) wall-mounted end cap, (1) stop block, (1) block-to-end cap screw, (1) block-to-top track screw Add 9mm [3/8"] extra track when using end cap
Wall fasteners not included

Wall fasteners not included *Interchangeable L and R



10.10_ S42 Stopper for top track





10.08.491

S42 Stopper for top track

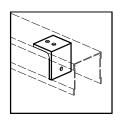
Finish

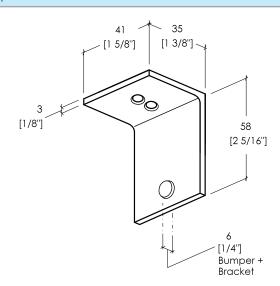
Laquered

Description

Clear silicone bumper included Ceiling fasteners not included Stops door in desired location along track

10.11_ S42 Stopper for top track, 60mm





10.08.297

S42 Positioning for top track, 60mm

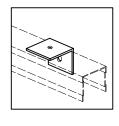
Finish

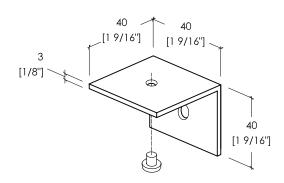
Zinc bracket

Description

Clear silicone bumper included Ceiling fasteners not included Stops door in desired location along track

10.12_ L-bracket for wall-mounted top track





10.08.170

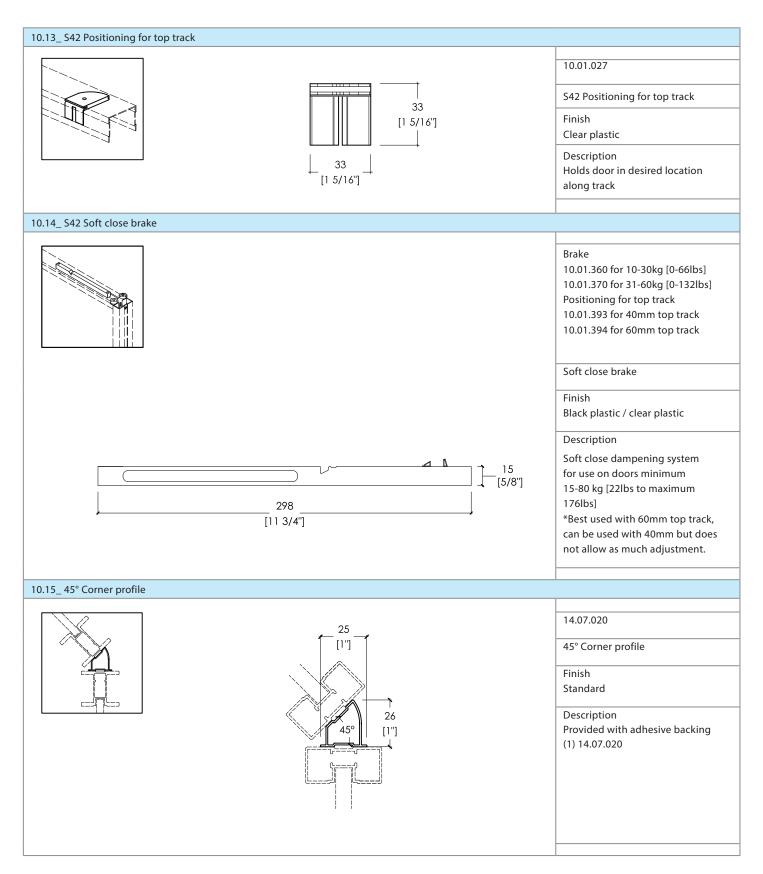
L-bracket for wall-mounted top track

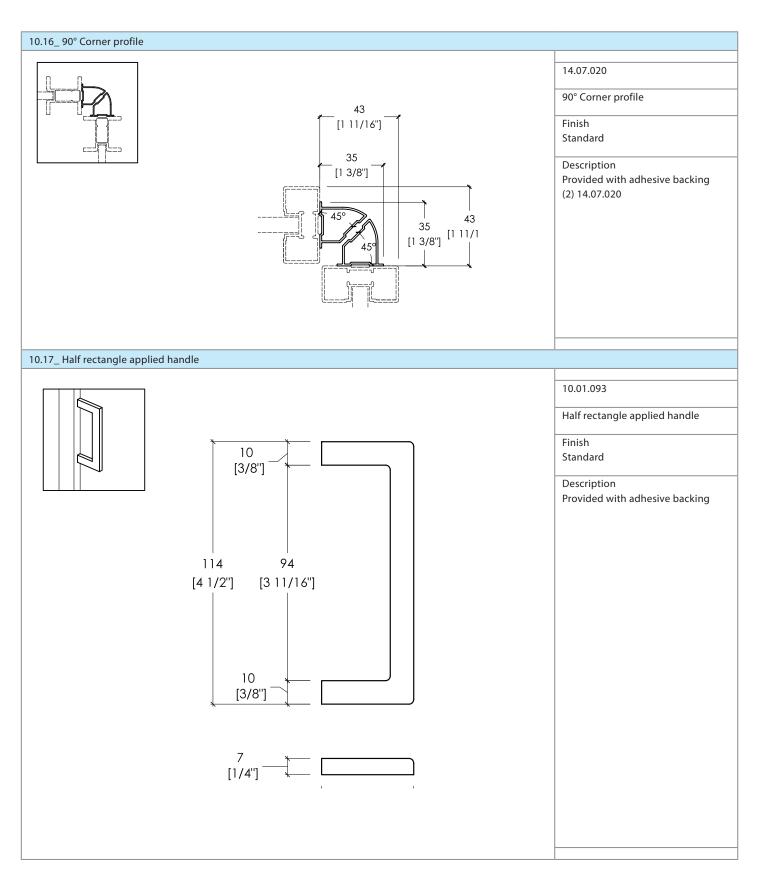
Finish

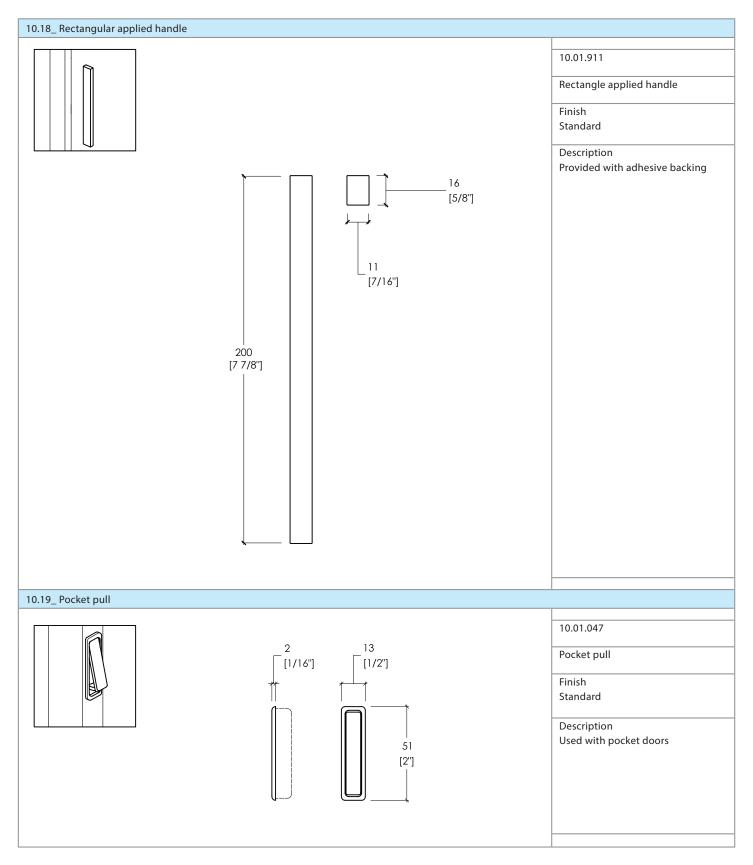
Standard

Description

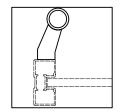
Wall-mounted bracket for S42 top track (single track only) Includes track-to-bracket screw Wall fastener not included Wall-mount for single doors only

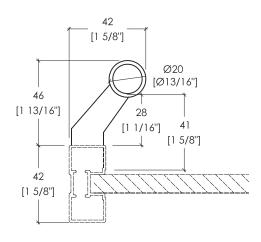






10.20_ Rod handle for \$1500 Square





ACC-RDH-1500SQ

Rod handle for \$1500 Square

Finish

Standard

Description

Adds vertical rod handle to

S1500 square.

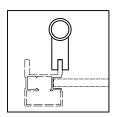
*Includes plastic silver end caps

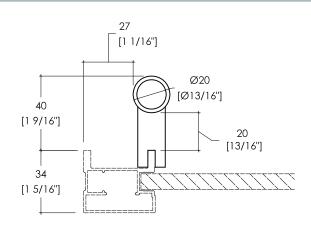
*Can only be used with the \$1500

SQ. profile

*Avaliable in 305mm [1'-0"] increments

10.21_ Rod handle for \$3000





ACC-RDH-3000

Rod handle for \$300 / \$3000

Finish

Standard

Description

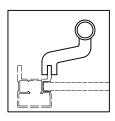
Adds vertical rod handle to \$3000

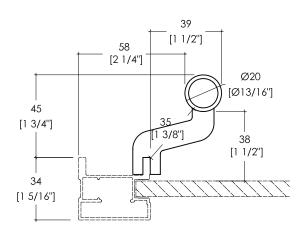
*Includes plastic silver end caps

*Can only be used with \$3000 profile

*Avaliable in 305mm [1'-0"] increments

10.22_ ADA handle for \$3000





ACC-RDH-ADA

ADA handle for \$300 / \$3000

Finish

Standard

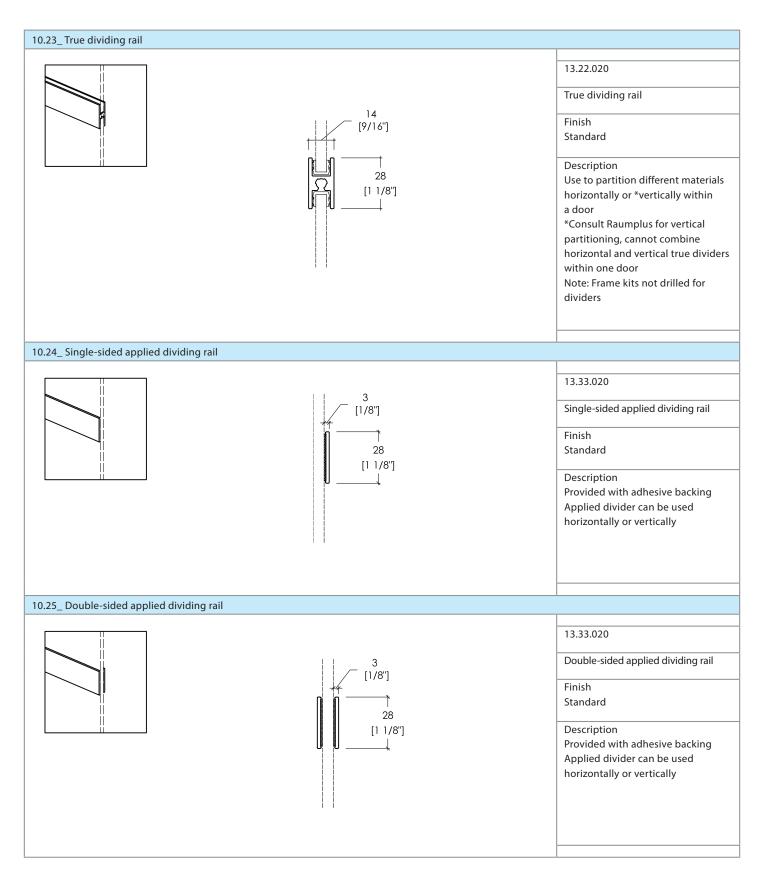
Description

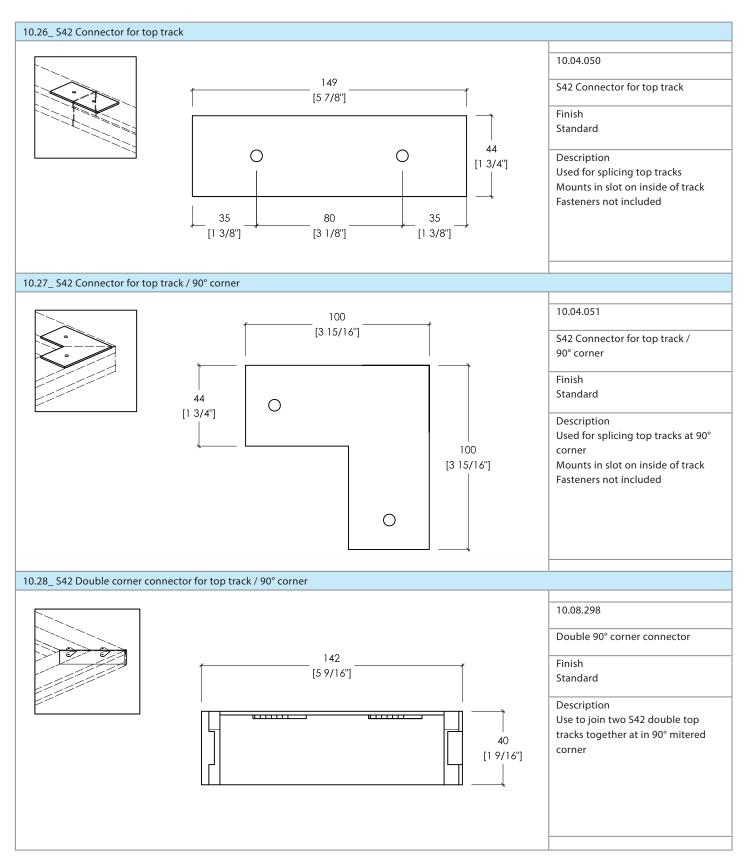
ADA bracket with rod handle complies with ADA requirements for sliding door handles, verify with local jurisdictions

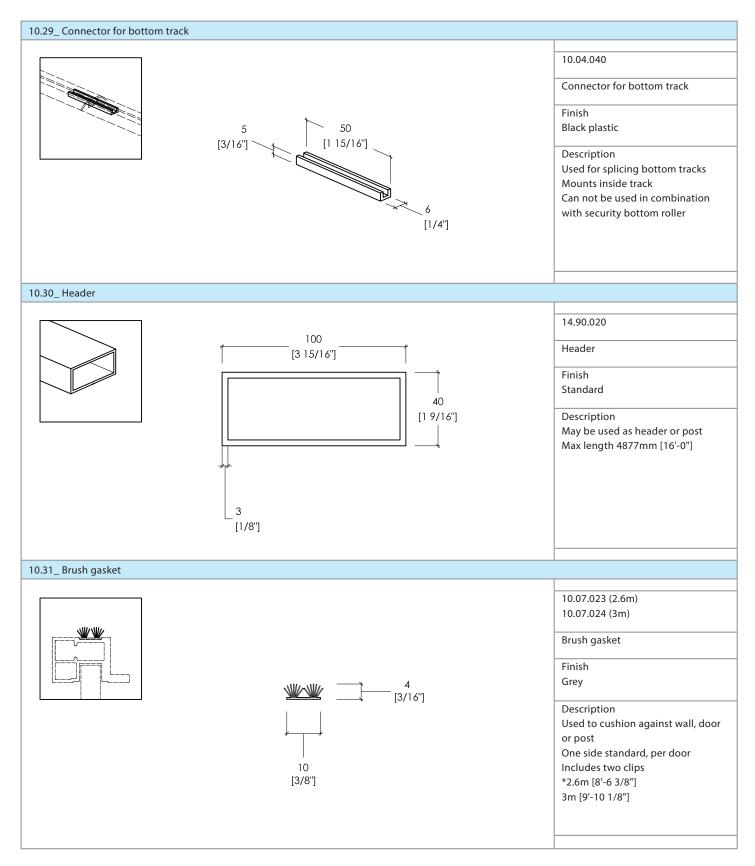
*Includes plastic silver end caps

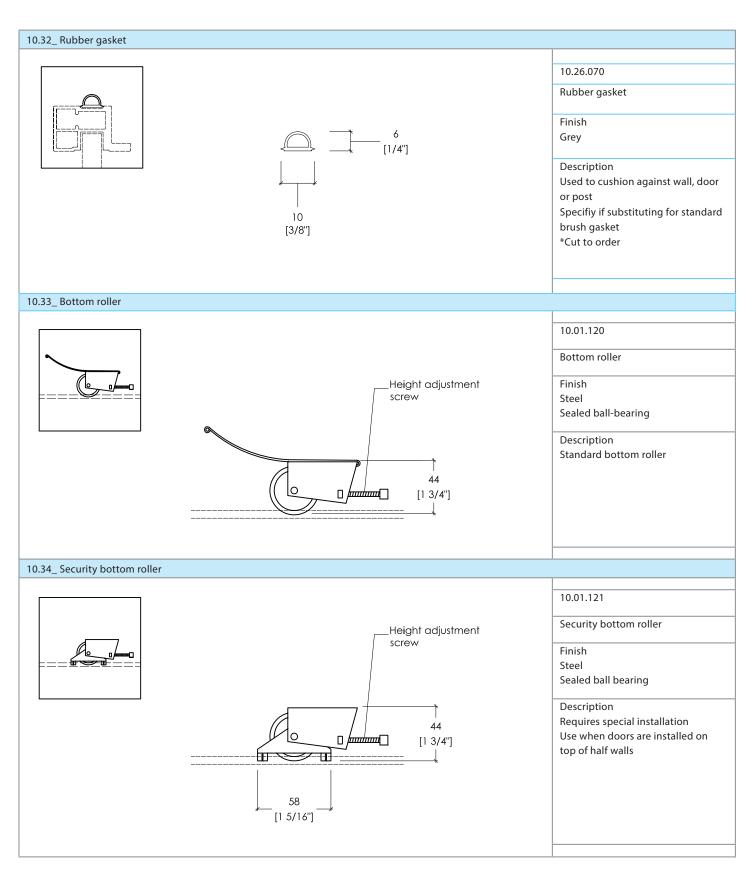
*Can only be used with \$3000 profile

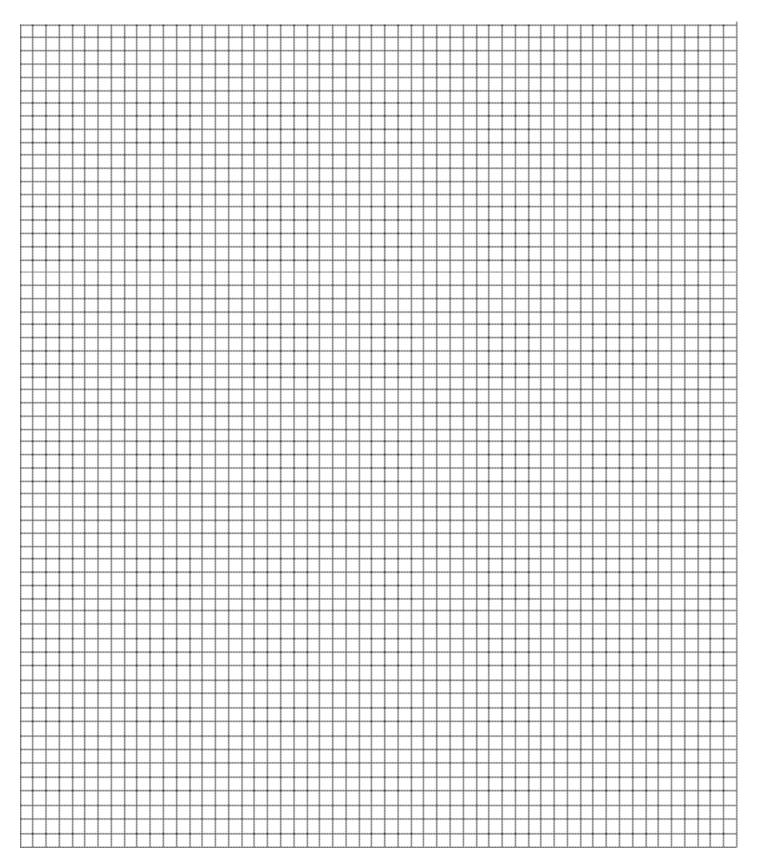
*Avaliable in 305mm [1'-0"] increments











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