

SmartWall® Wall Shelving System — Base Components

Organized, efficient wall space at work.

A unique storage and work station system for often underutilized space — empty walls. SmartWall and its system of integrated wall tracks offer the flexibility to add wall shelving and wall-mounted task stations where needed throughout a facility. The use of the system around and above sinks, work tables, and equipment will keep these areas cleaner and more organized. SmartWall can become an integral part of everyday operating processes to improve efficiencies and ultimately the return on investment (ROI).

- **Flexible, Robust Design:** Wall tracks and uprights are designed to interface with wood studs, plywood, concrete, and other suitable wall structures.
- **Durable finishes and materials for corrosive environments**

SmartWall Life

- Type 304 Stainless Steel
- Lifetime corrosion warranty.
- Wire components are electropolished.
- Ideal for use with MetroMax 4 polymer shelves and Super Erecta Stainless Steel options.

Metroseal Gray or Metroseal Green

- 15-year corrosion warranty.
- Metroseal has built-in Microban antimicrobial product protection to help fight the growth of stain and odor-causing bacteria to keep the product cleaner between cleanings.



Gray Metroseal
Epoxy Finish
with Microban



Green Metroseal
Epoxy Finish
with Microban

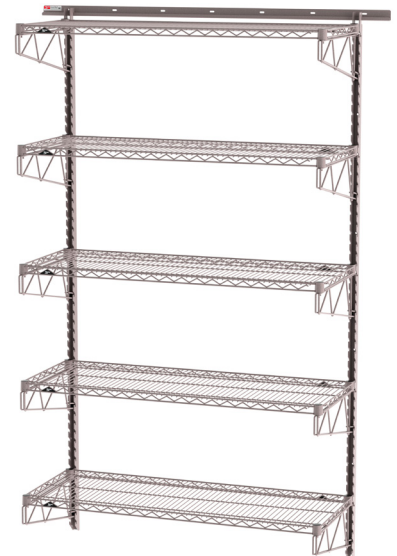
- **Easy to Configure:** Uprights and grid brackets can be easily repositioned along the track. Shelf supports and grids adjust quickly to optimize your space.

Heavy Gauge Uprights: 1½" (38 mm) vertical adjustment of shelves and grids.

- **Easy to Install:** Simply attach the wall tracks to a proper mounting structure. The wall tracks provide a level mounting surface for uprights and grid brackets. Hang the uprights or grid brackets from the track. Configure the task station or wall shelving. Finally, secure the uprights or bottom grid brackets to the wall.
- **Easy to Clean:** Shelves, shelf supports, and grids can easily be removed for thorough cleaning of walls. Wall tracks and uprights can easily be wiped clean.
- **NSF Listed for all environments.**



STANDALONE SINK STATION



STANDALONE SHELVING, 85" H



MICROBAN® and the MICROBAN® symbol are registered trademarks of the Microban® Products Company, Huntersville, NC. Microban® product protection does not by itself protect a user from food borne illness. Product must be routinely cleaned.



All Metro Catalog Sheets are available on our website: metro.com

{10.42} SmartWall® Wall Shelving System — Base Components



The below configurations are examples that are built from individual components.

Note: Spec Sheet 10.41 contains preconfigured kits.

TIP

The Wall Builder Tool on metro.com enables you to configure a unit with a component list that can be exported into Excel.



Task Station examples

- Use tracks, uprights, shelf supports, shelves, and wall grids.



SmartWall Life

Components	Description	Qty.
SW40S	wall track	1
SWU30S	uprights	2
WG2436S	wire grid	4
SWS18S	shelf support	2
MAX4-1836G	Max 4 shelf	1
MAX4-SWA-4	adapter kit	1



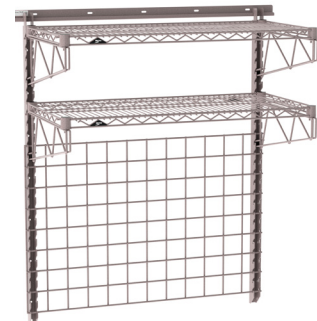
SmartWall Life Metroseal Gray

Components	Description	Qty.
SW40K4	wall track	1
SWU30K4	uprights	2
WG2436K4	wire grid	1
SWS18K4	shelf support	2
1836NK4	wire shelf	1
9997C	corner plug	4



SmartWall Life

Components	Description	Qty.
SW40S	wall Track	1
SWU45S	uprights	2
WG2436S	wire grid	1
SWS18S	shelf support	4
MAX4-1836G	Max 4 shelf	2
MAX4-SWA-4	adapter kit	2



SmartWall Life Metroseal Gray

Components	Description	Qty.
SW40K4	wall track	1
SWU45K4	uprights	2
WG2436K4	wire grid	1
SWS18K4	shelf support	4
1836NK4	wire shelf	2
9997C	corner plug	8

Adjustable wall shelving examples – a run of all shelving with a shared middle upright.



SmartWall Life

Components	Description	Qty.
SW40S	wall track	2
SWU45S	uprights	3
SWS18S	shelf support	4
SWD18S	double shelf support	2
MAX4-1836G	Max 4 shelf	4
MAX4-SWA-4	adapter kit	4



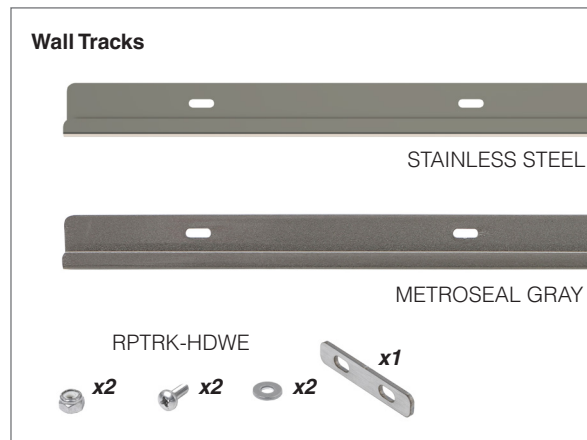
SmartWall Metroseal Gray

Components	Description	Qty.
SW40K4	wall track	2
SWU45K4	uprights	3
SWS18K4	shelf support	4
SWD18K4	double shelf support	2
1836NK4	wire shelf	4
9997C	corner plug	16

Components

Wall Tracks (Select a minimum of one per system)

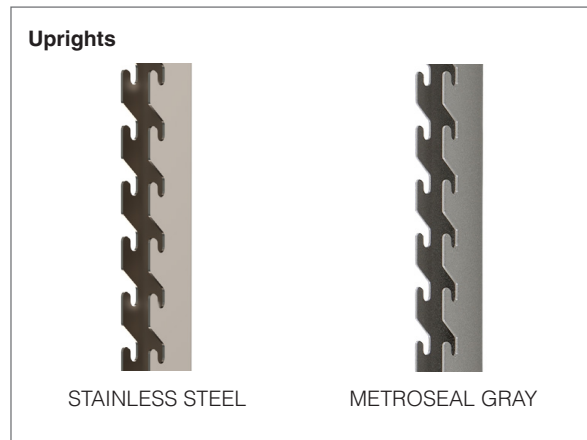
- Obround holes are located 4" (102 mm) from each end of the track and are spaced 8" (203 mm) apart.
- Packed one track per carton.
- Joiner plates and stop fastener hardware included for both ends of the track.
Replacement hardware (used on one end):
(1) joiner plate and stop fastener hardware: **Model No. RPTRK-HDWE**
- Does not include hardware to mount wall tracks to the wall.



Metroseal Gray with Microban Cat. No.	Metroseal Green with Microban Cat. No.	Approx. Pkd. Wt.		Stainless Steel Cat. No.	Approx. Pkd. Wt.		Actual Length		Actual Depth		Actual Width	
		(lbs.)	(kg)		(lbs.)	(kg)	(in.)	(mm)	(in.)	(mm)	(in.)	(mm)
SW40K4	SW40K3	3.2	1.5	SW40S	2.7	1.2	40	1016	¾	19	1⅞	40
SW56K4	SW56K3	4.5	2.0	SW56S	3.8	1.7	56	1423	¾	19	1⅞	40
SW72K4	SW72K3	5.8	2.6	SW72S	5.0	2.3	72	1829	¾	19	1⅞	40

Uprights (Select a minimum of one per system)

- 1.5" (38 mm) slot spacing allows shelves and grids to be adjusted on 1.5" (38 mm) increments.
- Built-in slots allow shelf supports and grids to attach without tools or hardware.
- Sold by the piece; packed two per carton.



Metroseal Gray with Microban Cat. No.	Metroseal Green with Microban Cat. No.	Approx. Pkd. Wt.		Stainless Steel Cat. No.	Approx. Pkd. Wt.		Number of slots	Actual Length		Actual Depth		Actual Width	
		(lbs.)	(kg)		(lbs.)	(kg)		(in.)	(mm)	(in.)	(mm)	(in.)	(mm)
SWU15K4	SWU15K3	2.0	0.9	SWU15S	1.8	0.8	7	16	406	1⅞	48	1⅞	29
SWU30K4	SWU30K3	3.7	1.7	SWU30S	3.5	1.6	17	31	787	1⅞	48	1⅞	29
SWU45K4	SWU45K3	5.5	2.5	SWU45S	5.2	2.4	26	44.5	1130	1⅞	48	1⅞	29
SWU72K4		9.0	4.1	SWU72S	8.2	3.7	45	71.5	1816	1⅞	48	1⅞	29
SWU85K4		10.5	4.8	SWU85S	9.7	4.4	54	84.5	2146	1⅞	48	1⅞	29

Wall Track considerations

• Calculating the maximum usable wall track mounting space:

Stop fastener kits are installed at each end of a run of wall tracks and they occupy approximately 1" (25 mm) of track space per end. Uprights and track-mounted grid brackets must be installed a minimum of 1" (25 mm) inboard on the wall track.

The maximum usable length of track to install uprights or track-mounted grid brackets is calculated as follows:

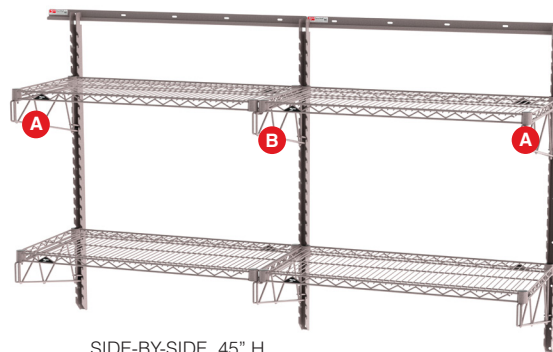
Subtract 2" (51 mm) from the total length of tracks connected end to end.

Example: Three 72" (1829 mm) wall tracks are installed end to end.

The maximum usable length of wall track is: $(72" \times 2) - 2" = 142"$ $[(1829 \text{ mm} \times 2) - 51 \text{ mm} = 3607 \text{ mm}]$

Shelf Supports

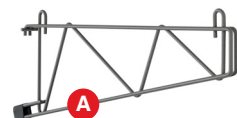
- Mount directly to slotted uprights.
- Single shelf supports are used on each end of a standalone unit or side-by-side unit (pictured). Sold by the piece.
- Double (intermediate) shelf supports are used when configuring side-by-side wall shelving units. Sold by the piece.



SIDE-BY-SIDE, 45" H

Single Shelf Supports

Metroseal Gray with Microban Cat. No.	Metroseal Green with Microban Cat. No.	Stainless Steel Cat. No.	Fits Shelf Depth	Actual Length (in.) (mm)	Actual Width (in.) (mm)	Actual Height (in.) (mm)	Approx. Pkd. Wt. (lbs.) (kg)
SWS14K4	SWS14K3	SWS14S	14" (355 mm)	16 ⁹ / ₁₆ 421	1½ 38	8 ¹³ / ₁₆ 208	2.5 1.1
SWS18K4	SWS18K3	SWS18S	18" (457 mm)	20 ⁹ / ₁₆ 522	1½ 38	8 ¹³ / ₁₆ 208	3.0 1.3
SWS21K4	SWS21K3	SWS21S	21" (530 mm)	23 ⁹ / ₁₆ 598	1½ 38	8 ¹³ / ₁₆ 208	3.5 1.5
SWS24K4	SWS24K3	SWS24S	24" (610 mm)	26 ⁹ / ₁₆ 675	1½ 38	8 ¹³ / ₁₆ 208	3.5 1.5

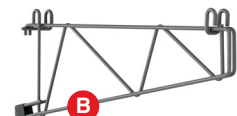


Single Support

NOTE: Replacement plastic sleeve for shelf support; Model. No. RP-SPSLV.

Double (Intermediate) Shelf Supports

Metroseal Gray with Microban Cat. No.	Metroseal Green with Microban Cat. No.	Stainless Steel Cat. No.	Fits Shelf Depth	Actual Length (in.) (mm)	Actual Width (in.) (mm)	Actual Height (in.) (mm)	Approx. Pkd. Wt. (lbs.) (kg)
SWD14K4	SWD14K3	SWD14S	14" (355 mm)	16 ⁹ / ₁₆ 421	1½ 38	8 ¹³ / ₁₆ 208	2.5 1.1
SWD18K4	SWD18K3	SWD18S	18" (457 mm)	20 ⁹ / ₁₆ 522	1½ 38	8 ¹³ / ₁₆ 208	3.0 1.3
SWD21K4	SWD21K3	SWD21S	21" (530 mm)	23 ⁹ / ₁₆ 598	1½ 38	8 ¹³ / ₁₆ 208	3.5 1.5
SWD24K4	SWD24K3	SWD24S	24" (610 mm)	26 ⁹ / ₁₆ 675	1½ 38	8 ¹³ / ₁₆ 208	3.5 1.5



Double (Intermediate)
Support

NOTE: Replacement plastic sleeve for shelf support; Model. No. RP-SPSLV.

Shelf Options

MetroMax 4

- Order (1) adapter set per shelf to connect the shelf with the shelf supports.
Cat No. MAX4-SWA-4



STAND ALONE SHELVING, 45" H

Super Erecta

- **Solid** Stainless Steel – spec sheet 10.20
- **Wire** Stainless Steel – spec sheet 10.01
Metroseal Gray – spec sheet 10.01
Metroseal Green – spec sheet 10.01
- **Super Erecta Pro** – spec sheet 10.80

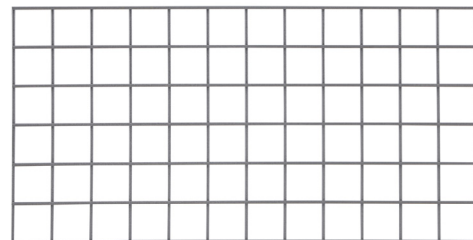
Hole plugs may be ordered for Super Erecta Shelves.
Order (4) per shelf. **Cat. No. 9997C**



Grids

- Grids are a mounting surface for task management accessories.
- See spec sheet 10.43 for grid accessories.

Metroseal Gray with Microban Cat. No.	Metroseal Green with Microban Cat. No.	Stainless Steel Cat. No.	Width x Length (in.) (mm)		Approx. Pkd. Wt. (lbs.) (kg)	
WG1830K4	WG1830K3	WG1830S	18x30	457x760	7.5	3.3
WG1836K4	WG1836K3	WG1836S	18x36	457x914	9.0	4.1
WG1848K4	WG1848K3	WG1848S	18x48	457x1219	12.0	5.4
WG1860K4	WG1860K3	WG1860S	18x60	457x1524	14.0	6.4
WG2436K4	WG2436K3	WG2436S	24x36	610x914	12.0	5.4
WG2448K4	WG2448K3	WG2448S	24x48	610x1219	15.5	7.0
WG3036K4	WG3036K3	WG3036S	30x36	760x914	12.8	5.8
WG3048K4	WG3048K3	WG3048S	30x48	760x1219	16.5	7.5

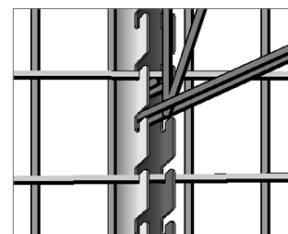


Metroseal Gray Grid

Notes:

A. Grids can be mounted directly behind shelves, but shelf supports and grids cannot occupy the same slots on the upright. Once the grid has been mounted to the upright, the shelf support can be mounted to open slots and can be adjusted on 3" (76 mm) increments within the grid space.

B. When configuring task stations with uprights, shelves and grids of the same length are most commonly combined. Grids longer than the shelves may be used but must not overhang the upright by more than 6" (152 mm) on either side.

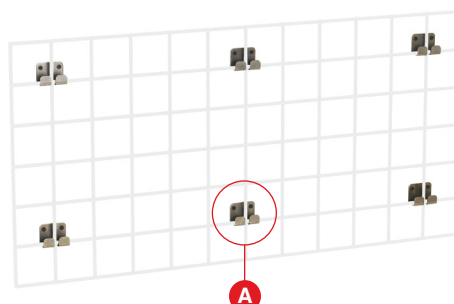
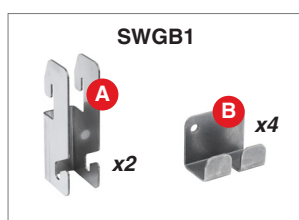
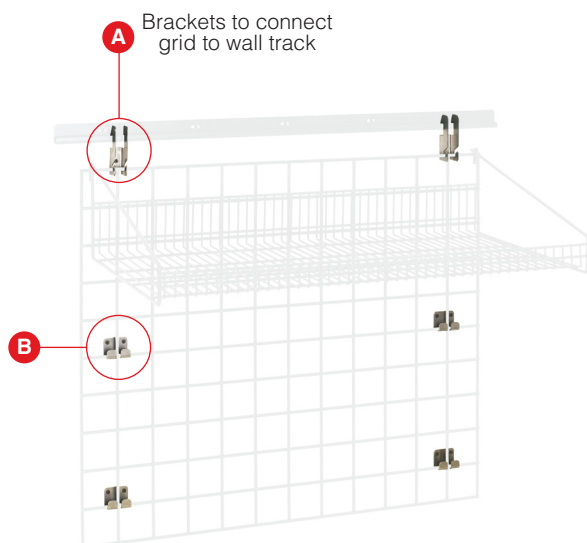


Reference: Note "A"

Grid Mounting Brackets

- SWGB1 kit enables the grid to attach to a wall track directly (without uprights).
- SWGB2 kit enables the grid to attach directly to the wall without a track or uprights.

Cat. No.	Description	Approx. Pkd. Wt. (lbs.) (kg)	
SWGB1	Bracket kit to connect grid to wall track; includes (2) top and (4) bottom (stainless steel)	2.0	0.9
SWGB2	Direct wall mount bracket kit; consists of (6) bottom brackets (stainless steel)	2.0	0.9
WGBRKT	Direct wall mount bracket kit; consists of (6) black plastic brackets	2.0	0.9



Direct wall mount brackets

SmartWall® Wall Shelving System — Base Components

Specifications

	SmartWall Life	SmartWall – Metroseal	Details
Wall Tracks	14-gauge Type 304 Stainless Steel	12-gauge cold-rolled steel	Obround mounting holes located at 8" (204 mm) increments; first and last holes are located 4" (102 mm) from the ends of the track; obround hole dimensions (1/8" x 3/4" [3 x 19 mm]). Wall tracks include stop fasteners for the ends of the tracks and joiner plates for connecting adjacent tracks.
Uprights	14-gauge Type 304 Stainless Steel	12-gauge cold-rolled steel	Uprights are slotted every 1-1/2" (38 mm); 1-1/8" (29 mm) diameter mounting holes are spaced every 6" (152 mm) along the upright.
Shelf Supports	Electropolished Type 304 stainless steel	Cold-rolled steel	Sleeve is high-density polyethylene (HDPE)
Wire Grids	Electropolished Type 304 stainless steel	Cold-rolled steel	1/4" diameter wires; grid pattern from the center line of each wire measures 3" x 3" (76 x 76 mm)
Grid Bracket Kits	14 gauge Type 304 Stainless Steel		

Weight Capacities

Shelves and Grids (Not to exceed the total unit capacity of each bay)	Stand Alone Unit (With a wall track, two uprights, and any combination of shelves and grids)	Side-by-side units (With a shared upright)
Super Erecta, Super Erecta Pro, MetroMax Shelf (with shelf supports)	400 lbs. (180 kg)	200 lbs. (90 kg)
Grid	250 lbs. (113 kg)	
Grid shelf with retaining edge	50 lbs. (22.5 kg)	
15", 30", 45" tall uprights	Stand Alone Unit (With a wall track, two uprights, and any combination of shelves and grids)	Side-by-side units (With a shared upright)
Wood Studs	400 lbs. (180 kg) per bay	200 lbs. (90 kg) per bay
Woods Studs (With cross-stud reinforcement)	400 lbs. (180 kg) per bay	200 lbs. (90 kg) per bay
Plywood: Minimum thickness - 1/2" (13 mm)	400 lbs. (180 kg) per bay	200 lbs. (90 kg) per bay
Concrete	200 lbs. (90 kg) per bay	200 lbs. (90 kg) per bay
Drywall over Metal Studs	100 lbs. (45 kg) per bay	50 lbs. (23 kg) per bay
"Environmental room and walk-in cooler walls (appropriately reinforced)"	<i>Consult your Metro Representative</i>	<i>Consult your Metro Representative</i>
72" and 85" tall uprights	Stand Alone Unit (With a wall track, two uprights, and any combination of shelves and grids)	Side-by-side units (With a shared upright)
Wood studs or plywood	800 lbs. (363 kg) per bay	400 lbs. (180 kg) per bay



STANDALONE SHELVING, 45" H

