



Item # \_\_\_\_\_

We put space to work.

Job \_\_\_\_\_



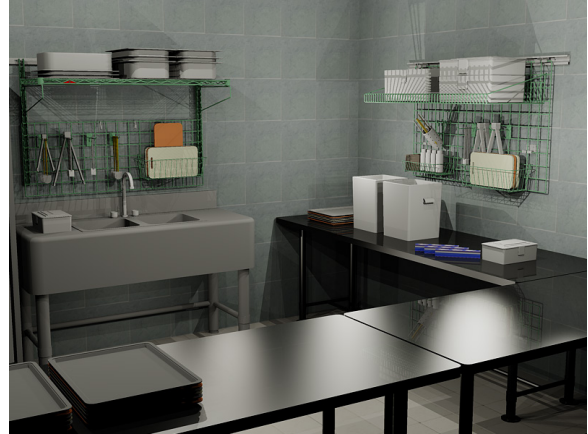
SmartWall System

## SmartWall System

*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.



**Task Station (medium duty) with accessories for a sink/prep area.**



**Task Station (standard duty) with accessories for a food prep area.**



**Adjustable Wall Shelving**

### • Configurations

**Task Stations:** unique combinations of wall tracks, shelves, grids, and accessories.

**Adjustable Wall Shelving:** standard Metro Super Erecta wire and solid, Super Erecta Pro, MetroMax Q, and MetroMax i™ shelves can be used with the SmartWall G3 shelf supports.

- **Easy to Adjust:** Uprights and grid brackets can be easily repositioned along the track.

**Heavy Gauge Uprights:** 1 1/2" (38mm) vertical adjustment of shelves and grids.

**Grids:** 3" (76mm) vertical and horizontal adjustment of accessories.

- **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.
- **Durable Finishes:** Super Erecta Brite for dry environments; Metroseal 3 epoxy for wet or damp environments with built-in Microban® antimicrobial product protection to inhibit the growth of bacteria, mold, mildew, and fungus that cause odors and product degradation.

All Metro Catalog Sheets are available on our website: [www.metro.com](http://www.metro.com)



**InterMetro Industries Corporation**  
North Washington Street, Wilkes-Barre, PA 18705  
Product Information. U.S. and Canada: 1.800.992.1776  
Outside U.S. and Canada: [www.metro.com/contactus](http://www.metro.com/contactus)

L02-181  
Printed in U.S.A. Rev. 11/18

Information and specifications are subject to change without notice. Please confirm at time of order.

Copyright © 2018 InterMetro Industries Corp.

10.42



# Smartwall System

## Specifications

- **Wall Tracks:** 12 gauge cold rolled steel; obround mounting holes located at 8" (204mm) increments; first and last holes are located 4" (102mm) from the ends of the track; obround hole dimensions (1/8" x 3/4" [3 x 19mm]). Wall tracks include stop fasteners for the ends of the tracks and joiner plates for connecting adjacent tracks.
- **Uprights:** 12 gauge cold rolled steel; slotted every 1 1/2" (38mm); 1 1/8" (29mm) diameter mounting holes are spaced every 6" (152mm) along the upright.
- **Shelf Supports:** Cold rolled steel; sleeve is high density polyethylene (HDPE).
- **Shelves:** See catalog sheets for shelving specifications [Super Erecta wire and solid, Super Erecta Pro, MetroMax Q, MetroMax 4 and MetroMax I™ shelves can be used with the SmartWall shelf supports.
- **Finishes:** Standard finishes for components are Super Erecta Brite for dry environments and Metroseal 3 epoxy for wet or damp environments. Metroseal 3 contains built-in Microban® antimicrobial product protection to protect the product from bacteria, mold, mildew, and fungus that cause odors and product degradation.
- **Wire Grids:** 1/4" (6mm) diameter cold rolled steel wire.
- **Grid Bracket Kits:** 14 gauge, Type 304 stainless steel.
- **Grid Accessories:** See catalog sheet 10.43.
- **Cleaning Instructions:** Clean with mild detergents and damp cloths. Do not use abrasive materials because these may damage the protective coatings.

## Configurations

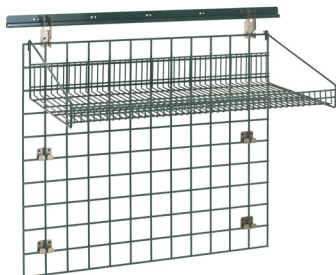
SmartWall offers limitless configurations. The following are examples and meant to demonstrate how to configure the basic product. Accessories can be added to these base units.



- Task Station (medium duty)**  
**Components [qty]**  
 [1] Wall Track  
 [2] Uprights  
 [4] Single Shelf Supports  
 [2] Super Erecta Shelves  
 [1] Grid (same length as shelf)



- Adjustable Wall Shelving**  
**Components [qty]**  
 [2] Wall Tracks  
 [3] Uprights  
 [4] Single Shelf Supports  
 [2] Double (Intermediate) Shelf Supports  
 [4] Super Erecta Shelves



- Task Station (standard duty)**  
**Components [qty]**  
 [1] Wall Track  
 [1] Grid Bracket Kit (Model No. SWGB1)  
 [1] Grid  
 [1] Grid Shelf with Retaining Edge (same length as grid)



- Task Station (standard duty)**  
**Components [qty]**  
 [1] Grid Bracket Kit (Model No. SWGB2)  
 [1] Grid

## Components

### Wall Tracks (minimum one per system)

- Joiner plates and stop fastener hardware included. Does not include hardware to mount wall tracks to the wall.
- Packed one track per carton.
- Replacement joiner plate (1) and stop fastener hardware (2 sets): Model No. RPTRK-HDWE



Wall Track

| Model No.<br>Super Erecta Brite | Model No.<br>Metroseal 3 | Actual Length<br>(in.) (mm) | Actual Depth<br>(in.) (mm)     | Actual Width<br>(in.) (mm)        | Approx.<br>Pkd. Wt.<br>(lbs.) (kg) |
|---------------------------------|--------------------------|-----------------------------|--------------------------------|-----------------------------------|------------------------------------|
| SW40BR                          | SW40K3                   | 40 1016                     | <sup>3</sup> / <sub>4</sub> 19 | 1 <sup>9</sup> / <sub>16</sub> 40 | 5.0 2.2                            |
| SW56BR                          | SW56K3                   | 56 1423                     | <sup>3</sup> / <sub>4</sub> 19 | 1 <sup>9</sup> / <sub>16</sub> 40 | 6.0 2.6                            |
| SW72BR                          | SW72K3                   | 72 1829                     | <sup>3</sup> / <sub>4</sub> 19 | 1 <sup>9</sup> / <sub>16</sub> 40 | 7.0 3.1                            |

**NOTE:** Tracks can be cut to length, but Metro does not provide this service. Touch up paint for Metroseal 3 tracks is available. Model No. TP-K2.



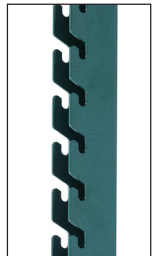
Hardware

## Medium-duty configurations consist of wall tracks, uprights, shelf supports, and grids.

### Uprights (for medium-duty applications, minimum two per system)

- Built-in slots allow shelf supports and grids to attach without tools or hardware.
- 1<sup>1</sup>/<sub>2</sub>" (38mm) slot spacing allows shelves and grids to be adjusted on 1<sup>1</sup>/<sub>2</sub>" (38mm) increments.
- Sold by the piece; packed two per carton.

| Model No.<br>Super Erecta Brite | Model No.<br>Metroseal 3 | Number<br>of slots | Actual Length<br>(in.) (mm)         | Actual Width<br>(in.) (mm)       | Actual Depth<br>(in.) (mm)       | Approx.<br>Pkd. Wt.<br>(lbs.) (kg) |
|---------------------------------|--------------------------|--------------------|-------------------------------------|----------------------------------|----------------------------------|------------------------------------|
| SWU15BR                         | SWU15K3                  | 7                  | 16 406                              | 1 <sup>1</sup> / <sub>8</sub> 29 | 1 <sup>7</sup> / <sub>8</sub> 48 | 1.8 0.8                            |
| SWU30BR                         | SWU30K3                  | 17                 | 31 787                              | 1 <sup>1</sup> / <sub>8</sub> 29 | 1 <sup>7</sup> / <sub>8</sub> 48 | 3.5 1.5                            |
| SWU45BR                         | SWU45K3                  | 26                 | 44 <sup>1</sup> / <sub>2</sub> 1130 | 1 <sup>1</sup> / <sub>8</sub> 29 | 1 <sup>7</sup> / <sub>8</sub> 48 | 5.3 2.3                            |



Uprights

### Shelf Supports

- Mount directly to slotted uprights.
- Single shelf supports are used on each end of a stand-alone 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.



### Single Shelf Supports

| Model No.<br>Super Erecta Brite | Model No.<br>Metroseal 3 | Fits Shelf Depth | Actual Length<br>(in.) (mm)         | Actual Width<br>(in.) (mm)       | Actual Height<br>(in.) (mm)        | Approx.<br>Pkd. Wt.<br>(lbs.) (kg) |
|---------------------------------|--------------------------|------------------|-------------------------------------|----------------------------------|------------------------------------|------------------------------------|
| SWS14BR                         | SWS14K3                  | 14" (355mm)      | 16 <sup>9</sup> / <sub>16</sub> 421 | 1 <sup>1</sup> / <sub>2</sub> 38 | 8 <sup>3</sup> / <sub>16</sub> 208 | 2.5 1.1                            |
| SWS18BR                         | SWS18K3                  | 18" (457mm)      | 20 <sup>9</sup> / <sub>16</sub> 522 | 1 <sup>1</sup> / <sub>2</sub> 38 | 8 <sup>3</sup> / <sub>16</sub> 208 | 3.0 1.3                            |
| SWS21BR                         | SWS21K3                  | 21" (530mm)      | 23 <sup>9</sup> / <sub>16</sub> 598 | 1 <sup>1</sup> / <sub>2</sub> 38 | 8 <sup>3</sup> / <sub>16</sub> 208 | 3.5 1.5                            |
| SWS24BR                         | SWS24K3                  | 24" (610mm)      | 26 <sup>9</sup> / <sub>16</sub> 675 | 1 <sup>1</sup> / <sub>2</sub> 38 | 8 <sup>3</sup> / <sub>16</sub> 208 | 3.5 1.5                            |



Single Support

### Double (Intermediate) Shelf Supports

|         |         |             |                                     |                                  |                                    |         |
|---------|---------|-------------|-------------------------------------|----------------------------------|------------------------------------|---------|
| SWD14BR | SWD14K3 | 14" (355mm) | 16 <sup>9</sup> / <sub>16</sub> 421 | 1 <sup>1</sup> / <sub>2</sub> 38 | 8 <sup>3</sup> / <sub>16</sub> 208 | 2.5 1.1 |
| SWD18BR | SWD18K3 | 18" (457mm) | 20 <sup>9</sup> / <sub>16</sub> 522 | 1 <sup>1</sup> / <sub>2</sub> 38 | 8 <sup>3</sup> / <sub>16</sub> 208 | 3.0 1.3 |
| SWD21BR | SWD21K3 | 21" (530mm) | 23 <sup>9</sup> / <sub>16</sub> 598 | 1 <sup>1</sup> / <sub>2</sub> 38 | 8 <sup>3</sup> / <sub>16</sub> 208 | 3.5 1.5 |
| SWD24BR | SWD24K3 | 24" (610mm) | 26 <sup>9</sup> / <sub>16</sub> 675 | 1 <sup>1</sup> / <sub>2</sub> 38 | 8 <sup>3</sup> / <sub>16</sub> 208 | 3.5 1.5 |



Double (Intermediate) Support

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

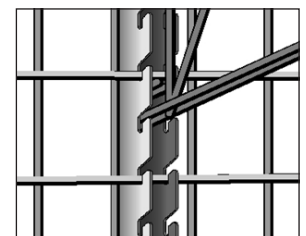
## Product Notes:

- When configuring task stations with uprights, choose shelves and grids of the same length. Longer grids may be used but must not overhang the upright by more than 6" (152mm) on either side.
- 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 its own slots and can be adjusted on 3" (76mm) increments within the grid space.
- Calculating the maximum usable wall track mounting space

Stop fasteners are installed at each end of a run of wall tracks and occupy approximately 1" (25mm) of track space per end. Uprights and track-mounted grid brackets must be installed a minimum of 1" (25mm) 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" (51mm) from the total length of tracks connected end to end.

Example: Three 72" (1829mm) wall tracks are installed end to end. The maximum usable length of wall track is: (72" x 3) - 2" = 214" [(1829mm x 3) - 51mm = 5436mm]



Reference: Note "B".



We put space to work.

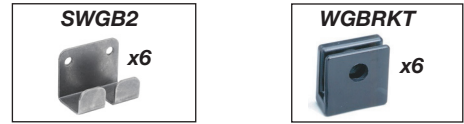
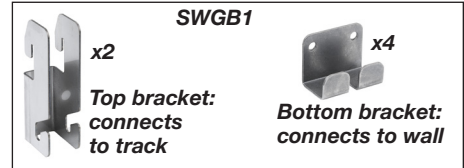
# Smartwall System

**Standard-duty configurations consist of wall tracks (optional), grid brackets, and grids.**

### Grid Mounting Brackets (for standard-duty applications without uprights)

- For standard-duty applications, grids may be mounted directly to the track or directly to the wall without a track. One kit required per grid.

| Model No. | Description  | Approx. Pkd. Wt. (lbs.) (kg) |     |
|-----------|--|------------------------------|-----|
| SWG B1    | Bracket kit to connect grid to wall track; includes (2) top and (4) bottom (stainless steel) | 2.0                          | 0.9 |
| SWG B2    | 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 |



### Grids

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

| Model No. Plated | Model No. Metroseal 3 | Width x Length (in.) (mm) |          | Approx. Pkd. Wt. (lbs.) (kg) |     |
|------------------|-----------------------|---------------------------|----------|------------------------------|-----|
| —                | WG1830K3              | 18x30                     | 457x760  | 7.5                          | 3.3 |
| WG1836BR         | WG1836K3              | 18x36                     | 457x914  | 9.0                          | 4.1 |
| WG1848BR         | WG1848K3              | 18x48                     | 457x1219 | 12.0                         | 5.4 |
| WG1860BR         | WG1860K3              | 18x60                     | 457x1524 | 14.0                         | 6.4 |
| —                | WG2436K3              | 24x36                     | 610x914  | 12.0                         | 5.4 |
| —                | WG2448K3              | 24x48                     | 610x1219 | 15.5                         | 7.0 |
| —                | WG3036K3              | 30x36                     | 760x914  | 12.8                         | 5.8 |
| —                | WG3048K3              | 30x48                     | 760x1219 | 16.5                         | 7.5 |
| PBA-GPC          | —                     | 33x54                     | 838x1370 | 21.0                         | 9.5 |

### NOTE:

- Grids can mount directly to the uprights without brackets.
- Mount a grid directly to the track with bracket kit model SWG B1.
- Mount a grid directly to the wall without a track with bracket kit model SWG B2.



### Weight capacities are based on a stand-alone unit with a wall track, two uprights, and any combination of shelves and grids.

| Structures into which wall tracks are mounted                          | Per Unit  |
|--|---|
| Wood Studs   | 400 lbs. (180kg)  |
| Woods Studs with cross-stud reinforcement                              | 400 lbs. (180kg)  |
| Plywood: Minimum thickness — 1/2" (13mm)                               | 400 lbs. (180kg)  |
| Concrete   | 200 lbs. (90kg)   |
| Metal Studs  | 100 lbs. (45kg)   |
| Environmental room and walk-in cooler walls (appropriately reinforced) | consult your Metro representative   |
| Weight capacity per shelf  | 250 lbs. (113kg) not to exceed the overall stated weight capacity of the unit based on the wall structure |

### Weight capacities for adjacent units that share an upright.

|              |  |
|--------------|--|
| General Rule | Unit: 1/2 the stated weight capacity of a stand-alone unit based on the wall structure.<br>Shelf: 125 lbs. (56kg) not to exceed the overall weight capacity of the unit based on the wall structure. |
|--------------|--|

### Weight capacities for grids and grid shelves

|                                |                  |
|--------------------------------|------------------|
| Grid                           | 250 lbs. (113kg) |
| Grid shelf with retaining edge | 50 lbs. (22.5kg) |

