

## Things to consider when selecting a high-density storage system:

- Cleaning and maintenance of floors: importance, frequency.
- Type and condition of floor surface.
- Dry or wet environment. Consult a Metro representative for the proper shelving type for the application.
- Amount of weight being stored and moved on mobile units.
- Will existing Metro shelving units be retrofitted as part of the high-density application?
- Will utility carts be used while accessing the active aisle?

## Top-Track™ High-Density Storage (pages 96-100)



**Uneven floor surfaces or applications requiring intense cleaning of the floor area** are best addressed by Top-Track.

The “**Active Aisle**” is created by rolling the mobile units along the track.



**Roller bearings** on the top of the posts guide mobile units in a straight line inside the track.

- **No floor track** allows utility carts to easily roll into and out of the active aisle.
- **Easy to assemble:** Shelving units assemble in minutes. Tracks attach to support rails on each stationary end unit and above the mobile units.
- **Weight capacities** on mobile units are limited to 900 lb. (410kg). Stationary units hold up to 2,000 lb. (907kg)
- **Choose the shelving type based on your application.**
- **Top-Track** (single deep) can be used with Metro wire shelving (Super Erecta or Super Adjustable 2™ Super Erecta) and polymer shelving systems (MetroMax and MetroMax Q).
- **Double Deep configurations** can be created where two systems are joined together to increase the overall depth of the storage system for even greater storage capacity. Double Deep Top-Track is only available for Super Erecta and Super Adjustable 2™ Super Erecta style shelving.

## Wire Shelving — Super Erecta® and Super Adjustable 2™ Top-Track — 11.12

- Combines movable aisles and stationary end units — utilizing all available space. Can increase the storage capacity of a given area by 50%!
- Track is above the storage system allowing easy maneuvering in and out of the active aisle and easy cleaning of floors around the system.
- Choose chrome-plated kits for dry environments. Choose Metroseal 3 or Stainless Steel kits for wet and corrosive environments.



Super Erecta® Top-Track™

**Stationary End Unit Kits (shelves sold separately — see pages 13 and 19)**  
Includes hardware necessary for connecting stationary end units to track. **One kit is required per single system. 86" (2185mm) posts are included.**

Shelf Width (in.) (mm)	Approx. Pkd. Wt. (lbs.) (kg)		Cat. No. Chrome-Plated	Cat. No. Metroseal 3 with Microban®	Cat. No. Stainless Steel
18 457	11	4.9	TTE18C	TTE18K3	TTE18S
21 530	11.5	5.1	TTE21C	TTE21K3	TTE21S
24 610	12	5.4	TTE24C	TTE24K3	TTE24S

**Stationary Intermediate Unit Kits (shelves sold separately — see pages 13 and 19)**  
Includes hardware necessary for connecting intermediate unit to track on both sides. **86" (2185mm) posts are included.**

Shelf Width (in.) (mm)	Approx. Pkd. Wt. (lbs.) (kg)		Cat. No. Chrome-Plated	Cat. No. Metroseal 3 with Microban®	Cat. No. Stainless Steel
18 457	7.5	3.3	TTA18C	TTA18K3	TTA18S
21 530	8	3.6	TTA21C	TTA21K3	TTA21S
24 610	8.5	3.8	TTA24C	TTA24K3	TTA24S

### Track Sets

Includes necessary sections of track for assembling track runs of 6'-21' (1830-6405mm). For track sizes within the even 1-foot (305mm) increments, contact your Metro representative.

Length (feet) (mm)	Approx. Pkd. Wt. (lbs.) (kg)		Cat. No.	Length (feet) (mm)	Approx. Pkd. Wt. (lbs.) (kg)		Cat. No.
6 1828	40.5	18.2	TTS6NA	14 4267	98	44.1	TTS14NA
7 2135	47.5	21.3	TTS7NA	15 4572	106.5	47.9	TTS15NA
8 2440	56	25.2	TTS8NA	16 4877	113.5	51	TTS16NA
9 2743	62.5	28.1	TTS9NA	17 5182	121	54.4	TTS17NA
10 3048	69.5	31.2	TTS10NA	18 5486	128	51.6	TTS18NA
11 3353	76.5	34.4	TTS11NA	19 5791	135	60.7	TTS19NA
12 3657	83.5	37.5	TTS12NA	20 6096	142	63.9	TTS20NA
13 3962	92	41.4	TTS13NA	21 6400	149	67	TTS21NA

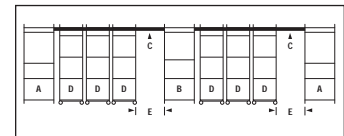
### Mobile Unit Kits (shelves sold separately — see pages 13 and 19)

One kit required per mobile unit. Kit includes posts, casters/caster channels, donut bumpers, and roller bearing assemblies, hardware and split sleeves.

Shelf Width (in.) (mm)	Overall Width (in.) (mm)		Approx. Pkd. Wt. (lbs.) (kg)	Cat. No. Chrome-Plated	Cat. No. Metroseal 3 with Microban®	Cat. No. Stainless Steel
18 457	20 1/4	514	32 14.4	TTM18C	TTM18K3	TTM18S
21 530	23 1/4	590	33 14.8	TTM21C	TTM21K3	TTM21S
24 610	26 1/4	667	34 15.3	TTM24C	TTM24K3	TTM24S

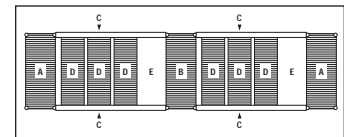
☑ Indicates antimicrobial product.

FRONT VIEW



- A = Stationary End Units
- B = Stationary Intermediate Unit (Optional)
- C = Track Set
- D = Mobile Units
- E = Open Aisle

OVERHEAD VIEW



Refer to pages 31-40 for a complete selection of Super Erecta Shelf accessories. For Top-Track accessories, see page 100.

#### Notes:

1. Each stationary end and intermediate unit must have a minimum of four shelves. For all Super Adjustable 2™ applications, the top and bottom shelves must be non "quick adjust" Super Erecta shelves.
2. The standard Deep Top-Track system requires the use of 86" (2185mm) posts (i.e., 86P, 86PK, or 86PS) on the stationary end and intermediate units. Shelves for the stationary end and intermediate units are sold separately.
3. The mobile unit kit include special 74" (1880mm) posts with casters. Shelves for mobile units are sold separately.
4. Recommended maximum load rating for a mobile unit is 900 lbs. (410kg). Floor should be level, smooth, and free from large cracks and raised obstacles.
5. Under normal conditions, an aisle width of 30"-36" (760-914mm) is recommended. The storage of very large objects within the system, however, may require an aisle width larger than 36" (914mm).
6. A stationary intermediate unit is required when track length exceeds 21 feet (6405mm). A stationary intermediate unit may be used at the discretion of the user when track lengths are less than 21 feet (6405mm).
7. To accommodate bumpers, the actual size of a mobile unit is 2.5" (63.5mm) wider than the shelf width shown. For example, an 18" (457mm) wide unit is actually 20.5" (52mm).
8. To calculate the overall length of a Super Erecta Top Track System, add the following: Nominal track length + Nominal widths of each end unit + 1.5" (38mm).

## Super Erecta® and Super Adjustable 2™ Double-Deep Top-Track™ — 11.12

### Stationary End Unit Kits

Includes hardware necessary for connecting stationary end units in Double Deep systems and connecting to an overhead track set. **One kit is required for the entire double deep configuration. Shelves sold separately** — See pages 13 and 19. **86" (2185mm) posts included.**

Shelf Width (in.) (mm)	Approx. Pkd. Wt. (lbs.) (kg)	Cat. No. Chrome-Plated
18 457	33 14.8	LTTE18C
21 530	37 16.6	LTTE21C
24 610	41 18.4	LTTE24C

### Stationary Intermediate Unit Kits

Includes hardware necessary for connecting intermediate units in Double Deep systems and connecting to an overhead track set on each side. **One kit is required for intermediate units connected end-to-end. Shelves sold separately** — See pages 13 and 19. **86" (2185mm) posts included.**

Shelf Width (in.) (mm)	Approx. Pkd. Wt. (lbs.) (kg)	Cat. No. Chrome-Plated
18 457	18 8	LTTA18C
21 530	20 9	LTTA21C
24 610	22 9.9	LTTA24C

### Track Sets

Includes necessary sections of track for assembling track runs of 6'-21' (1830-6405mm). For track sizes within the even 1-foot (305mm) increments, contact your Metro representative. **Only one track set is required between stationary units.**

Length (in.) (mm)	Approx. Pkd. Wt. (lbs.) (kg)	Cat. No. Chrome-Plated
6 1828	40.5 18.2	TTS6NA
7 2135	47.5 21.3	TTS7NA
8 2440	56 25.2	TTS8NA
9 2743	62.5 28.1	TTS9NA
10 3048	69.5 31.2	TTS10NA
11 3353	76.5 34.4	TTS11NA
12 3657	83.5 37.5	TTS12NA
13 3962	92 41.4	TTS13NA

Length (in.) (mm)	Approx. Pkd. Wt. (lbs.) (kg)	Cat. No. Chrome-Plated
14 4267	98 44.1	TTS14NA
15 4572	106.5 47.9	TTS15NA
16 4877	113.5 51	TTS16NA
17 5182	121 54.4	TTS17NA
18 5486	128 51.6	TTS18NA
19 5791	135 60.7	TTS19NA
20 6096	142 63.9	TTS20NA
21 6400	149 67	TTS21NA

### Mobile Unit Kits

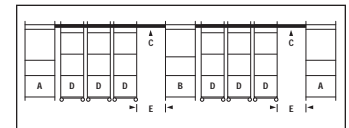
Includes posts, casters, caster channels, donut bumpers, roller bearing assemblies, and tie-together hardware to connect two mobile units (i.e., one in each system). **Shelves sold separately** — See pages 13 and 19.

Shelf Width (in.) (mm)	Overall Width (in.) (mm)	Approx. Pkd. Wt. (lbs.) (kg)	Cat. No. Chrome-Plated
18 457	20 1/4 514	72 32.4	LTTM18C
21 530	23 1/4 590	75 33.7	LTTM21C
24 610	26 1/4 667	78 35	LTTM24C

#### Notes:

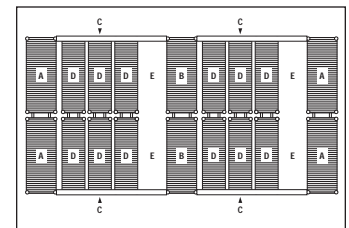
- Each stationary end and intermediate unit **must** have a minimum of four shelves. For all Super Adjustable 2™ applications, the top and bottom shelves must be non "quick adjust" Super Erecta shelves.
- The standard Double Deep Top-Track system requires the use of 86" (2185mm) posts (i.e., 86P) on the stationary end and intermediate units. **Shelves for the stationary end and intermediate units are sold separately.**
- The mobile unit kits include special 74" (1880mm) posts with casters. **Shelves for mobile units are sold separately.**
- Under normal conditions, an aisle width of 30"-36" (760-914mm) is recommended. The storage of very large objects within the system, however, may require an aisle width larger than 36" (914mm).
- Two intermediate shelving units connected end-to-end are required when the track length exceeds 21 feet (6405mm). Stationary intermediate shelving units may be used at the discretion of the user when track lengths are less than 21 feet (6405mm).
- The maximum Double Deep system configuration is 10'6" (3200mm) (i.e., two systems, each having 60" (1524mm) long shelves, plus 6" (150mm) for Top-Track components).
- Ease of rollability for the mobile units is an important consideration in evaluating Top-Track as a possible storage alternative. The floor should be level, smooth, and free from large cracks and raised obstacles. Two mobile shelving units connected end-to-end and loaded with between 800 to 1,200 lbs. (365-550kg) will require a human effort range (in lbs. of human force) of between 18-24 lbs. (8-11kg) to move the unit from a complete stop. Subjectively, an average 110 lb. (50kg) person will perceive this as acceptable effort levels. For loads over 1,200 lbs. (550kg), contact your Metro representative.
- Mobile units should have the top shelf positioned as close as possible to the track.
- To accommodate bumpers, the actual size of a mobile unit is 2.5" (63.5mm) wider than the shelf width shown. For example, an 18" (457mm) wide unit is actually 20.5" (52mm).
- To calculate the overall length of a Super Erecta Top Track System, add the following: Nominal track length + Nominal widths of each end unit + 1.5" (38mm).

FRONT VIEW



- A = Stationary End Units
- B = Stationary Intermediate Unit (Optional)
- C = Track Set
- D = Mobile Units
- E = Open Aisle

OVERHEAD VIEW



For Top-Track accessories, see page 100.

## Seismic Top-Track™ Single Length System

### End Unit Kit:

Includes four shelves, four staked posts, bracket bars, sway braces (for top, back, and end), anchor plates, foot plates, tubular braces, clamps, and assembly hardware.

Description	Cat. No.
Kit for 48" (1219mm) Stationary End Unit	SA48TTTS
Kit for 54" (1370mm) Stationary End Unit	SA54TTTS
Kit for 60" (1524mm) Stationary End Unit	SA60TTTS

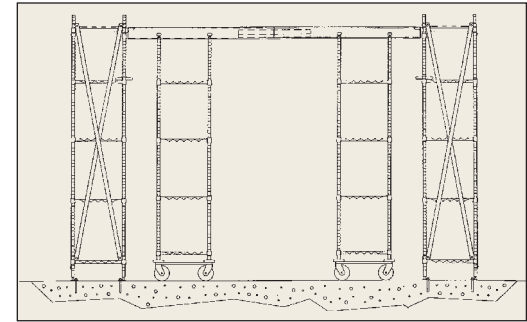
### Strut Kit

Description	Cat. No.
Kit for 48" (1219mm) Wide Unit	TTB48STRUT
Kit for 54" (1370mm) Wide Unit	TTB54STRUT
Kit for 60" (1524mm) Wide Unit	TTB60STRUT

Note: Floor anchoring hardware not included.

**Example:** For a complete "Single-Length Top-Track™ System," the following would be required: Two Stationary End Units, One Track Set\* (11-foot [3355mm] maximum), One Center Strut (if track length exceeds 7 feet), Mobile Units.

**Note:** Posts and shelves are included in the end and intermediate unit kits. Shelves are sold separately for the mobile unit.



Single-Length System

Add track sets and mobile unit kits, refer to page 96.

## Seismic Top-Track™ Double Length System

### End Unit Kit:

Includes four shelves, four staked posts, bracket bars, sway braces (for top, back, and end), anchor plates, foot plates, tubular braces, clamps, and assembly hardware.

Description	Cat. No.
Kit for 48" (1219mm) Stationary End Unit	SA48TTTS
Kit for 54" (1370mm) Stationary End Unit	SA54TTTS
Kit for 60" (1524mm) Stationary End Unit	SA60TTTS

### OSHPD Preapproved Intermediate Unit Kit:

Includes eight shelves, eight staked posts, bracket bars, sway braces (for top, back, and end), anchor plates, foot plates, tubular braces, clamps, and assembly hardware.

Description	Cat. No.
Kit for 48" (1219mm) Stationary Intermediate Unit	SA48TTIS
Kit for 54" (1370mm) Stationary Intermediate Unit	SA54TTIS
Kit for 60" (1524mm) Stationary Intermediate Unit	SA60TTIS

### Strut Kit

Description	Cat. No.
Kit for 48" (1219mm) Wide Unit	TTB48STRUT
Kit for 54" (1370mm) Wide Unit	TTB54STRUT
Kit for 60" (1524mm) Wide Unit	TTB60STRUT

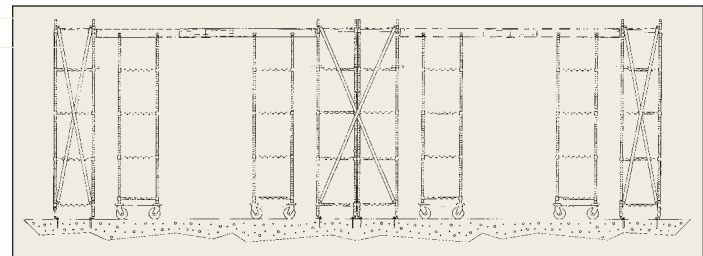
Note: Floor anchoring hardware not included.

**Example:** For a complete "Double-Length Top-Track™ System," the following would be required: Two Stationary End Units, Two Track Sets\* (11-foot [3355mm] maximum), One Intermediate Unit, Two Center Struts (if track length exceeds 7 feet [2135mm]), Mobile Units.\*

**Note:** Posts and shelves are included in the end and intermediate unit kits. Shelves are sold separately for the mobile unit.

#### Notes:

- Each installation must have two stationary end units for a single-track length of 7' (2135mm) to 11' (3355mm).
- A center strut is required for each track section over 7' (2135mm).
- For track lengths over 11' (3355mm), an intermediate unit is required, thus creating a double-length system.
- OSHPD preapproval is based upon a weight-loading capacity of 25 lbs. (11kg) per square foot on a four-shelf stationary and mobile units, with maximum of 900 lbs. (408kg) per mobile unit. Additional shelves may be added, but are limited to a maximum load of 25 lbs. (11kg) per cubic foot per unit.
- A maximum of four 21" (530mm) or 24" (610mm), or five 18" (457mm) mobile units are allowed per an 11' (3355mm) track length, with no more than a 900 lb. (408kg) weight capacity per mobile unit.
- Stationary End Units are available in 24"x48" (610x1219mm), 24"x54" (610x1370mm), and 24"x60" (610x1524mm).
- OSHPD preapproved design is based on the use of HR concrete, at least 5 1/2" (140mm) thick, with a compressive strength of 3,000 psi (211kg/cm). Anchorage is not included.
- To calculate the overall length of a Super Erecta Top Track System, add the following: Nominal track length + Nominal widths of each end unit + 1.5" (38mm).



Double-Length System

Add track sets and mobile unit kits, refer to page 96.

See page 109-110 for Stationary Seismic shelving.

#### Notes:

- Floor anchors are not included. The structural engineer of record must verify that the anchorage bolt and building structure are adequate for the applied load.
- For OSHPD approval, the highest load shelf must be no more than 60" (1524mm) from the floor.
- For OSHPD approval, a unit must have no more than four loaded shelves within 60" (1524mm) height.
- If a fifth shelf is used, it must serve only as a cover and not be used for load bearing.
- According to the California State Fire Marshall, there must be a clearance of at least 18" (457mm) below sprinkler systems.
- Each shelving unit, whether single or "back-to-back," cannot connect to other shelving units or walls.

## Polymer Shelving — MetroMax and MetroMax Q Top-Track — 9.12

- Combines movable aisles and stationary end units — utilizing all available space. Can increase the storage capacity of a given area by 50%!
- MetroMax shelving is corrosion proof with a lifetime warranty against rust and corrosion.
- MetroMax Q shelving is corrosion resistant with a 15-year warranty against rust and corrosion. MetroMax Q shelves also feature a patented corner release for quick, no tools adjustment.
- Metro's polymer shelving systems feature removable mats for easy cleaning. Polymer mats with smooth surfaces protect shelf contents from snags and tears.

**Note:** MetroMax and MetroMax Q shelves cannot be mixed on the same shelving unit.



MetroMax Q<sup>®</sup> Top-Track<sup>™</sup>

### Stationary End and Intermediate Unit Kits (Shelves are sold separately.)

**End Kit** includes 86" (2185mm) stationary posts, and hardware necessary to connect track sets to two stationary end units. Order one end kit per installation.

**Intermediate Kit** includes 86" (2185mm) stationary posts and hardware necessary to connect track sets to one stationary intermediate unit.

Shelf Width (in.)	Shelf Width (mm)	MetroMax		MetroMax Q	
		Cat. No. End Unit	Cat. No. Intermediate Unit	Cat. No. End Unit	Cat. No. Intermediate Unit
18	457	XTTE18	XTTA18	QTTE18	QTTA18
21	530	—	—	QTTE21	QTTA21
24	610	XTTE24	XTTA24	QTTE24	QTTA24

### Mobile Unit Kits (Shelves are sold separately.)

One kit is required per mobile unit. Kit includes special 74" (1880mm) mobile posts, rigid casters, caster channels, bumpers, and roller assemblies.

Shelf Width (in.)	Shelf Width (mm)	Approx. Pkd. Wt.		MetroMax		MetroMax Q	
		(lbs.)	(kg)	Cat. No. End Unit	Cat. No. Intermediate Unit	Cat. No. End Unit	Cat. No. Intermediate Unit
18	457	13½	6.1	XTTM18C	XTTM18S	QTTM18C	QTTM18S
21	530	14	6.3	—	—	QTTM21C	QTTM21S
24	610	14½	6.5	XTTM24C	XTTM24S	QTTM24C	QTTM24S

### Track Sets

Includes necessary sections of track for assembling track runs of 6' to 21' (1830-6400mm). Track sets are available in even 1-foot (305mm) increments. Special length track sets are not available.

Length (feet)	Length (mm)	Approx. Pkd. Wt.		Cat. No.
		(lbs.)	(kg)	
6	1828	40.5	18.2	TTS6NA
7	2135	47.5	21.3	TTS7NA
8	2440	56	25.2	TTS8NA
9	2743	62.5	28.1	TTS9NA
10	3048	69.5	31.2	TTS10NA
11	3353	76.5	34.4	TTS11NA
12	3657	83.5	37.5	TTS12NA
13	3962	92	41.4	TTS13NA
14	4267	98	44.1	TTS14NA
15	4572	106.5	47.9	TTS15NA
16	4877	113.5	51	TTS16NA
17	5182	121	54.4	TTS17NA
18	5486	128	51.6	TTS18NA
19	5791	135	60.7	TTS19NA
20	6096	142	63.9	TTS20NA
21	6400	149	67	TTS21NA

**Note:** Add 3" (76mm) to nominal track length to accommodate track hardware.

#### Notes:

1. The stationary units require the use of 86" (2185mm) posts. A stationary intermediate unit is required when track length exceeds 21' (6405mm). A stationary intermediate unit may be used at the discretion of the user when track lengths are less than 21' (6405mm). Mobile, stationary end and intermediate units must have a minimum of 4 shelves.
2. If 18" (457mm) wide mobile units are planned, the maximum allowable size shelf is 60" (1524mm) long. If 18" (457mm) wide by 60" (1524mm) long mobile units are planned, a maximum of 5 - 18" (457mm) mobile units are allowable between two stationary units. 18" (457mm), 21" (530mm) and 24" (610mm) wide mobile units can be intermixed in a given system. The standard system requires 74" (1880mm) posts on the mobile units.
3. Recommended maximum load rating for a mobile unit is 900 lbs. (410kg). Floor should be level, smooth, and free from cracks and raised objects.
4. Under normal conditions, an aisle of 30" to 36" (760-914mm) is recommended. The storage of very large objects within the system, however, may require an aisle width larger than 36" (914mm).
5. If the MetroMax or MetroMax Q Top-Track system is to be installed for single side access with the rear of the unit against the wall, provide 5" (12.7cm) clearance between rear wall and system to allow for room variations and system dynamics.
6. To accommodate bumpers, the actual size of a mobile unit is 2.5" (63.5mm) wider than the shelf width shown. For example, an 18" (457mm) wide unit is actually 20.5" (521mm).
7. To calculate the overall length of a MetroMax or MetroMax Q Top Track System, add the following: Nominal track length + Nominal widths of each end unit + 2" (51mm).

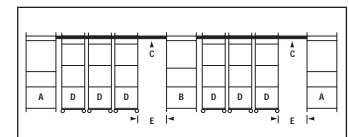


Mats lift off for easy cleaning

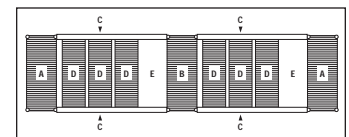


MetroMax Q quick adjust

#### FRONT VIEW



#### OVERHEAD VIEW



#### SYSTEM COMPONENTS

- A = Stationary End Units
- B = Stationary Intermediate Unit (Optional)
- C = Mobile Units
- D = Track Set
- E = Open Aisle

#### Shelves Sold Separately

MetroMax Q — Pg. 52  
MetroMax — Pg. 64

## Top-Track™ Floor Pad Protectors — 9.12 11.12

Use for both MetroMax Top-Track and Super Erecta Top-Track Systems.

For Track Length (in.) (mm)		Cat. No.	For Track Length (in.) (mm)		Cat. No.
6	1.8	FPS6N	14	4.2	FPS14N
7	2.1	FPS7N	15	4.6	FPS15N
8	2.4	FPS8N	16	4.9	FPS16N
9	2.7	FPS9N	17	5.2	FPS17N
10	3	FPS10N	18	5.5	FPS18N
11	3.3	FPS11N	19	5.8	FPS19N
12	3.6	FPS12N	20	6.1	FPS20N
13	3.9	FPS13N	21	6.4	FPS21N



Top-Track™ Floor Protectors

## Top-Track™ Wall Mount Bracket — 11.12

Used to attach one set of tracks to the wall. Eliminates the need for a stationary end unit. Includes one pair of wall brackets and hardware to attach tracks to the wall brackets. Hardware to attach the wall brackets to the wall is NOT included.

Cat. No. **TTWM**



Top-Track™ Wall Mount Bracket

## Top-Track™ Stop Plate Kit — 11.12

Used in conjunction with the Wall Mount Bracket Kit. The stop plates bolt to the underside of the track next to the wall brackets to prevent the mobile units from bumping into the wall.

Cat. No. **TTSP**



Top-Track™ Stop Plate Kit

## Super Erecta® Hi-Rise Shelving — 10.17

- For light-duty storage applications where floor space is at a premium.
- Construct shelving up to 24 feet (7315mm) high — 3 times the height of conventional shelving
- Metro's computerized engineering system assures correct specifications and load rating of Hi-Rise materials for your application.

All Hi-Rise installations must be reviewed and approved by Metro Engineering. Hi-Rise certification plate supplied. Only Super Erecta and Super Adjustable 2™ Super Erecta wire shelves (found on pages 13 and 19) can be used in Hi-Rise applications. Contact Metro customer service or your local Metro representative for details.

Material part numbers will be provided by Metro Product Development upon review of application.

### Metro Tip:

*One frequently overlooked opportunity to gain additional storage capacity is the efficient use of vertical space. By connecting Super Erecta posts, storage areas may be created that utilize every available cubic foot of unused vertical air space.*



Super Erecta Hi-Rise Shelving