MEGA-TANDEM™

Retaining Wall

RESIDENTIAL	COMMERCIAL	STEPS	COLUMNS	FIREPIT	RETAINING WALLS	MAILBOX	FINISHES					
							SHOT BLAST	SHOT BLAST SEALED	GROUND FACE	GROUND FACE SEALED	SMOOTH	TUMBLED/ ANTIQUED
✓	✓				✓							

PRODUCT SPECIFICATIONS

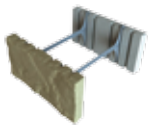
Final swatch selection should always be verified with physical samples.

Mega-Tandem

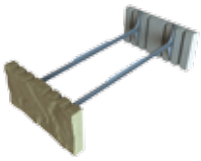
12 x 24 x 3

Connectors

22" Connector
Supports gravity walls up to 6'



43" Connector
Supports gravity walls up to 10'

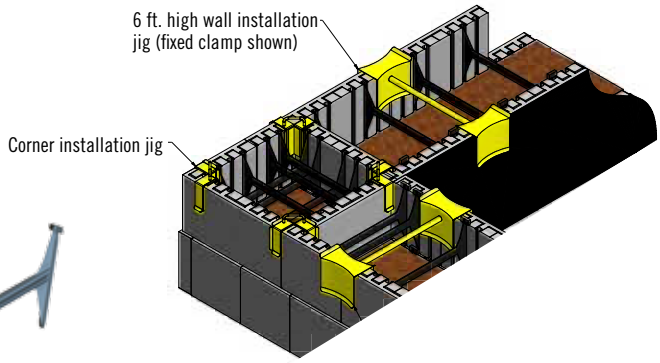


TOSCANA

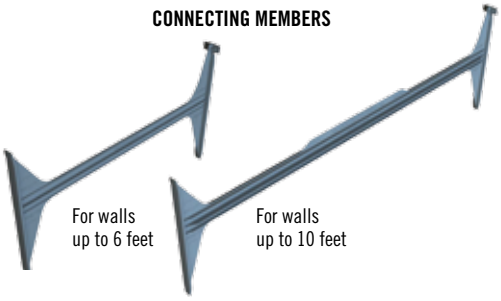
VICTORIAN

MEGA TANDEM™ (MSRW) COMPONENTS

JIGS



CONNECTING MEMBERS



STEP 1

Place the 6" crushed stone ($^{3}/_{4}$" rock) to create the leveling pad for the Mega-Tandem™ (MSRW).

STEP 2

Compact the placed crushed stone to reach 95% standard proctor density.

STEP 3

Forming up to pour a 2" unreinforced concrete overlay for setting the first course of Mega-Tandem™ (MSRW). **A 6" crushed stone leveling pad is an option as well.**

STEP 4

Pouring the leveling pad with a low psi concrete.

STEP 5

Start the Mega-Tandem™ (MSRW) at the lowest elevation. Start by setting the panels in place with the use of the wall jigs to help support the panels during the wall installation.

STEP 6

Insert the Mega-Tandem™ (MSRW) connecting members into the center dovetails to provide the structural support in the wall system.

STEP 7

Run a string line from the back side of the front wall veneer to assure proper horizontal wall alignment.

STEP 8

Place the #57 stone inside the Mega-Tandem™ (MSRW) panels to provide the internal gravel interlock. This will also provide for internal drainage to relieve hydrostatic pressure in the wall.

STEP 9

Place the drain tile directly behind the rear wall panel to provide for positive drainage through the wall to daylight.

STEP 10

Laying out the radi. Insert plastic connecting members into the veneer dovetails to keep the connectors as straight as possible. Make sure that each veneer has at least two connecting members for proper panel support.

STEP 11

Start the corner with the side textured fitting up against a MT wall (MSRW) panel facing the outer side of the wall. Then place additional panels to create a corner column. Insert the first two connectors upside down for the panel supports (break off the setback tab for this step). Then place two connectors in the opposite direction right side up to support the additional panels. Mega-Tandem Wall™ requires four connecting members per course.

STEP 12

Place a concrete paver directly behind the wall panel and level from front to back. Then take the construction adhesive and place the glue on the paver and top of wall panel. Then secure the cap units to create the bond.

STEP 13

Run a string line for accurate wall alignment when setting the caps.

STEP 14

Place a low permeable soil for fill placement for the top of wall.

PALLET INFORMATION / ESTIMATING CHART

LnFt/ Pallet	Layers/ Pallet	LnFt/ Layer	Units/ Pallet	Units/ Layer	LnFt/ Unit	Unit Weight	Weight/ Layer	Weight/ Pallet
96	8	12	48	6	2	66 lbs	396 lbs	3168 lbs

For more pattern options visit belgard.com/products/retaining_walls

NOTES