CAST STONE WALL FAQ'S

GENERAL

Q: Is Cast Stone Wall a wetcast or a drycast concrete product?
A: Cast Stone Wall combines wet and dry-cast technologies in one product.

Q: Will the wall faces come off of the CSW block?
A: Cast Stone Wall is manufactured with a patented process that creates a monolithic block. CSW units have been through rigorous freeze/thaw testing and Cast Stone Wall comes with a 50 year warranty.

Q: How many colors are in the Cast Stone Wall product line?
A: As of 2017, the Cast Stone Wall System comes in four blended color palettes: Breckenridge, Aspen, Adirondack and Durango.

Q: What are the face dimensions of Cast Stone Wall?
A: Both Single and Double Sided Cast Stone Wall block have faces 6"H x 16"L – 0.67 SF of wall face. DSCSW also has pallets containing both 6"H x 6"L and 6"H x 10"L units that can be purchased separately.

Q: I've noticed pieces of various sizes on a Cast Stone Wall. Is there a pattern to put them all together?
A: One of the key features of the CSW System is that many blocks contain random faces, meaning that one 6" x 16" block will have the appearance of multiple pieces. Full Face units are available only in Single Sided CSW. With scores of different face styles and the ability to mix random and full face units on Single Sided walls, the Cast Stone Wall System allows you to create stunning, natural-looking walls.

Q: Do the block have a distinct top and bottom?
A: Neither Single nor Double Sided Cast Stone Wall block have a distinct top or bottom, allowing for flexibility in design and installation.

Q: Should CSW be installed with a batter?
A: Both Single and Double Sided Cast Stone Wall are meant to be installed vertically with no setback.

Q: Does CSW use a connection system?
A: Both Single and Double Sided Cast Stone Wall are gravity systems. Use a high-strength concrete adhesive between courses of block, including the buried base course and cap.

Q: The project that I'm quoting requires quantities that are less than a full pallet. Any solution?
A: Reduced Quantity Pallets are available for both Single and Double Sided Cast Stone Wall.

Q: I'd love to cover the ugly foundation walls on my project with a veneer that looks like Cast Stone Wall. Do you have a product that I can use?
A: Cast Stone Wall Face Shells – flats and corners – are available that will perfectly match your wall.

SINGLE SIDED CAST STONE WALL

Q: What is the maximum wall height for Single Sided Cast Stone Wall?
A: The maximum unreinforced wall height is 30" (including buried course) under ideal conditions. Beyond 30", geogrid reinforcement should be used. Maximum reinforced wall height is 8 feet (including buried course(s)). Design charts showing geogrid placement are available from EP Henry. These cannot be used in lieu of sealed engineering drawings, where required.

Q: What kind of base do I need for my Cast Stone Wall when used in a retaining wall application?
A: As with other segmental retaining wall systems, a base of 4-6” of well compacted modified stone or # 57 clean stone is required.

Q: What should I use as a base course for my CSW?
A: All retaining walls require a buried first course to secure the toe of the wall. EP Henry recommends the use of a TerraceWall block for the buried course.

Q: Do I need to core fill my Single Sided CSW?
A: Core fill all units with #57 (1-1⁄4”, 3⁄4” and 1⁄2”) or #67 (3⁄4”) clean stone. Crushed or recycled concrete is NOT suitable for this purpose.

Q: What is the smallest wall radius that can be constructed using a 16” Cast Stone Wall block?
A: The smallest radius that can be created using a 16” long block is 22" (measured from the back of block)

Q: What cap should be used on my Single Sided Cast Stone Wall?
A: Because of CSW’s beautiful natural stone look, our wetcast Double Sided Devonstone Caps are recommended.

Q: How do I build a 90° corner in my wall using Cast Stone Wall?
A: Full Face and Random Face 8” x 6” x 16” rectangular units with a finished end are available for 90° corners.

Q: How do I build a pier using Single Sided Cast Stone Wall Corners?
A: Use Full Face and/or Random Face 8” x 6” x 16” corner units to build piers. The open space in the center of the finished pier will be approximately 8” x 8”.

Q: Can I build steps using the Cast Stone Wall System?
A: Attractive steps, in either straight or semi-circular designs, are easy to build with Cast Stone Wall units. The block units are used for the risers, with the caps or pavers used for the tread. Use Step Filler block in step applications where the product will not be visible.

DOUBLE SIDED CAST STONE WALL

Q: Does the Double Sided Cast Stone Wall block have a face on two sides?
A: No. The system is designed for you to construct two walls back to back, with a 1” gap between the walls.

Q: Why is there a 1” gap between the walls?
A: The 1” gap facilitates any curves that might be required in the wall. Wall termination block will only work properly if there is a 1” gap between the walls.

Q: How wide will a finished DSCSW be?
A: Properly constructed, a finished DSCSW will be approximately 14” Deep (including the 1” gap)

Q: Does Double Sided Cast Stone Wall come in Full Face configurations?
A: DSCSW comes only in random face block.

Q: What is the maximum wall height for Double Sided Cast Stone Wall?
A: DSCSW is designed for free-standing double sided wall applications only with a maximum height of four courses (not Including the footer block).

Q: Can I use Double Sided Cast Stone Wall as a retaining wall?
A: Double Sided Cast Stone Wall is not meant to be used as a garden wall, landscape wall or retaining wall.

Q: How is DCSSW priced?

A: The prices shown in the price book are for the material meant to cover **both sides of the wall.** For example, a full pallet of Double Sided Cast Stone Wall contains 30 SF, enough to cover a 2 foot high double sided wall 15 feet long.

Q: What are the 6" and 10" long units for?

A: Use the pallets containing the 6" and 10" long block whenever tight curves or serpentine walls are needed. Alternating 6"L and 10"L units allows you to construct a wall with a 17" inside radius. The 6"/10" pallet of Double Sided Cast Stone Wall contains 9 SF, enough to cover a 2 foot high double sided wall 4½ feet long.

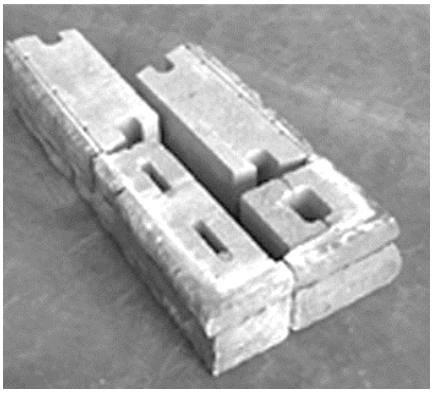
Q: Why are the pallets with the 6" and 10" long units more expensive than the pallets with all 16" stretchers?

A: Two block vs. one block are required for every 16" of wall length. More labor and machine time are required to manufacture two blocks.

Q: What should I use as a base course for my DSCSW?

A: Use the Cast Stone Wall Footer Block as a foundation for Double Sided Cast Stone Wall. Blocks are 11-5/8"W x 4"H x 15-5/8" L. Footer Block is designed to be installed with the 15-5/8" dimension across the depth of the wall, supporting both sides. Estimate 1 block for every 1' of wall.

Q: How do DCSSW wall terminations work?



A: Double Sided Cast Stone Wall™ terminations are sold in pairs of two different sized block – 6"W x 6"H x 16"L and 8"W x 6"H x 8"L. Place the long and short corner units back-to-back as opposing pairs to create the end of the wall. Alternate the position of the corner units on each successive course to maintain a running bond pattern.

Use the Double Sided Cast Stone Wall Corners to make 90° turns in your wall, where required.

Q: What cap should be used on my Double Sided Cast Stone Wall?

A: Because of DSCSW's beautiful natural stone look, our 16" Double Sided Devonstone Caps are recommended to cap the wall. These caps are available in a trapezoid shaped unit and an end cap with 90° corner.

CAST STONE WALL FIREPITS

Q: What are the finished dimensions of the Cast Stone Wall firepit?

A: The finished Cast Stone Wall Firepit will 18"H (3 courses) with a 47" outside diameter and 34" inside diameter.

Q: How do I build a firepit with Cast Stone Wall?

A: Special fire pit kits are available which include the kit includes wall block, wall caps, copper bowl. 2 grates, screen and fire poker. Twenty seven 10"L block (9 per course) and twenty-four 6"L block (8 per course) are used to build the firepit. There will be three extra 6" blocks when the firepit is fully constructed.

It's best to start construction by drawing a 34" diameter circle where the firepit will go. A nail in the center with a 17" string and marking tool works great. Begin each ring by placing two 10" block side by side and then alternating 6" and 10" units to complete the circle. Build subsequent rings in the same fashion, making sure to stagger the bond between courses to prevent vertical seams.