



Contractors make more  
money in less time with  
better results

## The H-Form System

### A Complete Landscape Wall Building System

This high-speed, highly cost-effective, environmentally green and easy-to-use form-work system means Graniterock can supply you ALL the materials you need for building **sound walls, privacy walls & retaining walls** for most applications. The system includes any type of stucco finish you want or Graniterock can provide any veneer stone or brick finish you'd want. It has been highly acclaimed and broadcast on the DIY Channel, as well as featuring in the new "Things Green House" on PBS. The H-Form System can be installed by amateurs and professionals alike.

CONTRACTORS • BUILDERS • HOMEOWNERS • DEVELOPERS • "DO IT YOURSELFERS"

*Contractors make more money in less time with better results*

### Build a basic wall in 3 steps using the H-Forms system

**Step 1:** Save over 50% materials and labor on your foundation by using a pier foundation instead of a spread-footing

**Step 2:** Build your wall in record time with a form-work that weighs 1% of concrete block, works like Legos and that stays in place. Creating curved walls is easier than you could ever imagine!

**Step 3:** Finish your wall with the warranted H-Form Stucco System or use stone or other veneers from your local Graniterock yard.

For detailed instructions and our entire line of products see our website at [H-Forms.com](http://H-Forms.com)

*Ask us about the H-Forms auto-quote estimator, a user-friendly tool to calculate all your wall materials and costs.*



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LANDSCAPING WALLS, SOUND WALLS,  
PRIVACY AND RETAINING WALLS

## H-Forms: A Complete Building System

Product information for all your landscaping and site walls

### Product Properties ST-6

- Dimensions: 50" long x 10" high x 6" wide
- Area: 3,472 sq. ft. (Equivalent to 4 CMUs exactly) Concrete Cavity width: 4" nominal
- Product weight: 1.45 Pounds
- Number of units in a bundle: 20
- R-Value: R-19.2 (U-0.052) No Framing Factor Required

### Product Quantity Estimating

Example of a wall 6' high x 200' long

#### Forms

- Step 1:  $200' \times 12'' = 2400''$  long
- Step 2:  $2400'' \div 50''$  (Form length) = 48 Forms long
- Step 3:  $72''$  wall height (incl. 2" base)  $\div 10'' = 7$  Forms high
- Step 4:  $48 \times 7 = 336$  ST-6 Forms

#### Concrete

- Step 1:  $200' \times 6'$  high = 1200 sq. ft.
- Step 2:  $1200$  sq. ft.  $\div 112$  (sq. ft./yd. conc.) = 10.75 yds. conc.

#### Stucco & Mesh

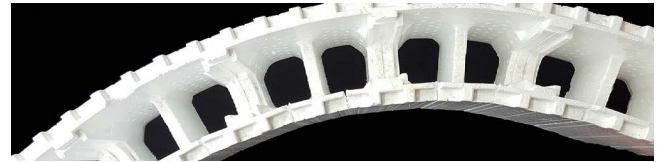
- Step 1: 2400 sq. ft. (wall area both sides)
- Step 2:  $200$  ft.  $\times 6'' = 100$  sq. ft. (top of wall)
- Step 3:  $6' \times 6' \times 2 = 6$  sq. ft. of wall ends
- Step 4: Total Area =  $2400 + 100 + 6 = 2506$  sq. ft.
- Step 5: MESH:  $2506 \div 450$  sq. ft./roll = 6 rolls of H-Mesh
- Step 6:  $2506 \div 25 = 101$  bags of H-Base (for painted wall or veneer finish)
- Step 7:  $2506 \div 90 = 28$  bags of H-Top Coat\* (color integral)

Visit our website for expanded coverage at: [www.H-Forms.com](http://www.H-Forms.com)



Privacy walls • Landscaping Walls • Retaining Walls

\*Call for information on standard and custom colored stucco finishes.



### H-Forms Sound Wall Construction Specifications

Height of Wall	8ft	6ft	5ft	4ft	3ft	2ft
Depth of Pier	5.5ft	4.5ft	4ft	3.5ft	3ft	2.5ft
Diameter of Pier	12	12	10	10	8	8
Distance – Between Pier Centers	70	70	80	80	80	80
Pier Vertical Reinforcing Steel	2-#5	2-#5	2-#5	2-#5	2-#5	2-#5
Wall Vertical Reinforcing at Piers	2-#5	2-#5	2-#5	2-#5	2-#5	2-#5
Wall Vertical Reinforcing Between Piers	#4s@20"	#4s@20"	#4s@20"	#4s@20"	#4s@20"	#4s@20"
Wall Horizontal Steel	#4s@20"	#4s@20"	#4s@20"	#4s@20"	#4s@20"	#4s@20"

#### NOTE: Design & Engineering Assumptions

1. These specifications are for guidelines only. Consult with your local structural engineer for details.
2. All #5 Steel to be min. grade 60 and all #4 Steel to be min. grade 40.
3. Concrete in piers may be 5-sack, 5/8"-3/4" aggregate. Concrete in ST6 Forms MUST be 6-sack, 3/8"-5/8" pea-gravel grout, minimum 7" slump.
4. Contractor is advised to use super-plasticizer in grout mix if there is potential for steel to impede even flow of concrete.
5. All concrete to have a minimum fc of 2500 #.
6. All design recommendations are based upon wind load governing and using "Exposure C".
7. Owner, contractor or other, is responsible for compliance with all government planning & building codes and permit application.
8. Cementitious Coating to be H-Coat from your local H-Form System distributor (if using stucco).
9. If using H-Proof for retaining wall waterproofing, mix with 1 part Liquid Acrylic and 6 parts H2O. Embed Fiberglass Mesh as with H-Base.
10. Reinforcing Mesh for Cementitious Coating to be H-Mesh
11. Any substitute of materials or products that deviates from the H-Form System will void the Limited Warranty for the entire system.
12. Keep all H-Form products stored in a clean, dry place out of the sun. Any oxidization from UV exposure must be thoroughly brushed off and washed.