

Handy-Wall® Units Offer Design Flexibility.

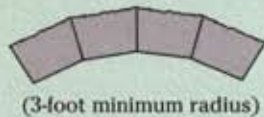
Splitting

Handy-Wall solid concrete units may be split when special-sized pieces are needed. To split a unit, score on all sides along the path of the desired split using a hammer and masonry chisel. Continue to strike all sides of the unit on score lines until split is complete.

Curves

Handy-Wall units taper toward the rear, allowing easy construction of inside and outside curves. Because rear alignment lips cause succeeding courses of Handy-Wall units to step back, outside curve radiuses become smaller as each course is placed. Make sure to plan for this feature and begin your base course by leaving a gap between the backs of the units. Remember, units should not be gapped at their faces.

Outside Curve



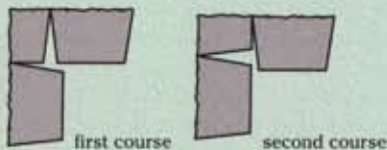
Inside Curve



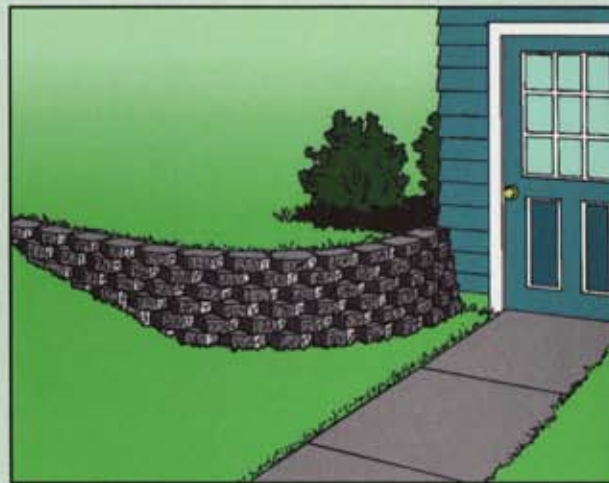
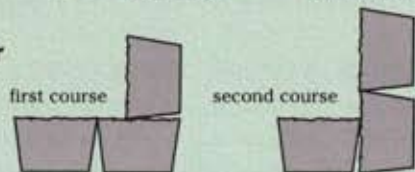
Corners

Inside and outside corners may be constructed using Handy-Wall. Use the diagrams below as a guide for placing alternating corner courses. It is often necessary to split units and/or remove alignment lips for corner construction.

Outside Corner



Inside Corner



Handy-Wall®

STRAIGHT-FACED Retaining Walls

Distributed By:

*This product shown may be covered by one or more of the following:
U.S. Patent D319,885, U.S. Patent D321,060, U.S. Patent D341,215,
U.S. Patent D346,667, U.S. Patent D378,702, U.S. Patent D391,376,
U.S. Patent D430,680, D435,302, D439, 678 and other U.S. patents pending;
Canadian Industrial Design Registration No. 63929, No. 71472, No. 73910,
No. 73911, No. 73912, No. 77816, No. 79058, and No. 82288. I.C.B.O. No. 4625*

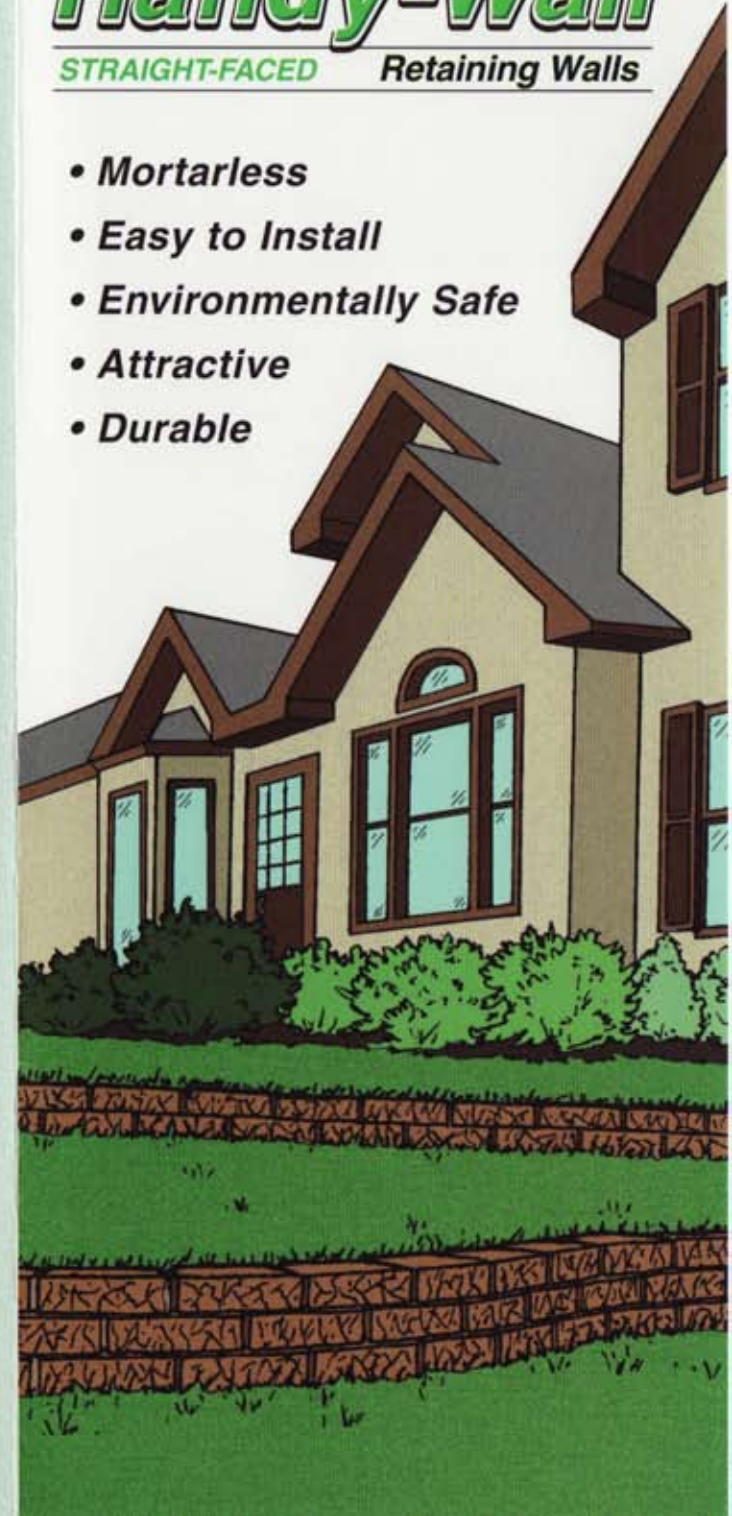
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Handy-Wall®

STRAIGHT-FACED Retaining Walls

- Mortarless
- Easy to Install
- Environmentally Safe
- Attractive
- Durable





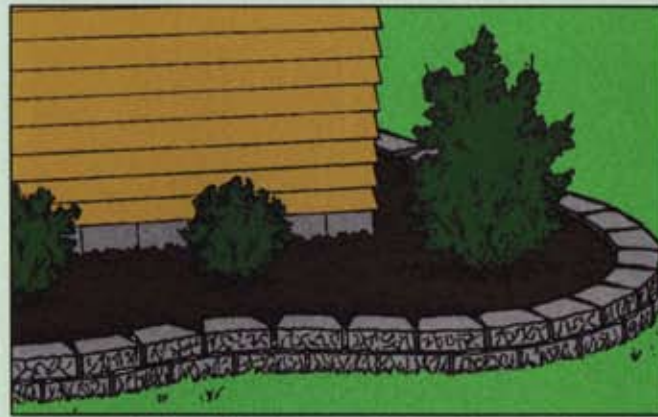
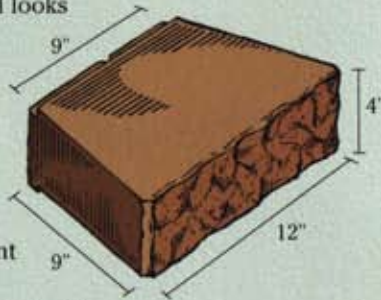
Handy-Wall®

The easy, economical way to improve the look of any landscape.

Create small retaining walls, terraces, tree rings, planters, and more with **Handy-Wall** landscaping units. You'll be pleased with the positive improvements even a small wall can make in your landscape design. The attractive, natural rock-face appearance of **Handy-Wall** units blends well with other landscape materials and looks great anywhere.

Handy-Wall units are easy to install. There's no mortar to mix or apply. Simply stack the units. The rear lip assures proper alignment and setback. Units are made of solid concrete, so walls are environmentally safe and will last for generations.

Look around your yard and imagine the improvements **Handy-Wall** units can make, then...do it yourself!



Getting Started

Prepare a layout for your Handy-Wall wall and use the following table to help plan the number of units you will need for your project.

Handy-Wall Estimation Table*							
Wall Height/Length	5'	10'	15'	20'	25'	30'	
4" 1 course	5	10	15	20	25	30	
8" 2 courses	10	20	30	40	50	60	
12" 3 courses	15	30	45	60	75	90	
16" 4 courses	20	40	60	80	100	120	
20" 5 courses	25	50	75	100	125	150	
24" 6 courses	30	60	90	120	150	180	
28" 7 courses	35	70	105	140	175	210	
32" 8 courses	40	80	120	160	200	240	
36" 9 courses	45	90	135	180	225	270	

* Actual quantities may vary slightly due to nominal dimension differences from local producers.

Important: Maximum recommended height for Handy-Wall walls is 3 feet. Individual site, soil and loading conditions (including terraces) may limit wall height to less than 3 feet. Please contact your Handy-Wall representative if unsure about any site, soil, height or local construction requirements.

Tools and Materials

These tools and materials will help you during construction of your Handy-Wall wall.

- Shovel
- Hammer/Masonry Chisel
- Broom
- Hand Tamper
- Stakes/String Line
- Level
- Rubber Mallet
- Sand/Gravel

DO-IT-YOURSELF INSTALLATION STEPS

Step 1 | PREPARE BASE

Begin by excavating a trench 15 inches wide by 4 inches deep. It is important to remove sod and other organic materials. It is also important to partially embed a portion of the lowermost units to hold them in place.

After excavating, make sure that the bottom of the trench is well compacted. Use a hand tamper to compact the soil, if necessary. Spread a linche layer of sand in the trench. The base is now ready for the base layer (or "course") of Handy-Wall units.

Step 2 | POSITION BASE COURSE

Lay the base course units on your prepared base. You may remove a small amount of sand to make room for the alignment lips or remove the alignment lips using a hammer and chisel. Level each unit side to side, front to back, and with adjacent units.



A rubber mallet will help you level units and a string line can be used to keep units in a straight line. Units should be placed directly next to one another, keeping face joints tight. Place and compact soil backfill to a height even with soil in front of the wall to hold units securely in place.

Step 3 | LAY SUCCEEDING COURSE

Position the next course of Handy-Wall units so that the alignment lips overhang the back edge of the base course and each unit is resting on two adjacent lower units.



Step 4 | BACKFILL AS YOU PROCEED

Place backfill behind each course as you proceed. Gravel backfill is recommended to help with drainage. Any material placed behind the wall should be well compacted. Continue laying additional courses and backfilling until desired height is achieved (maximum wall height is 3 feet).



Step 5 | SECURE TOP COURSE (optional)

If it is critical to prevent units from being removed, secure the uppermost course with a flexible concrete adhesive, following manufacturer's directions.