



## WESTBRICKS® Thin w/ Pozzotive® Specification

### Part 1

#### SUBMITTAL

Submit color samples for selection from manufacturer's standard colors and textures. Submit product literature, certifications and test reports and full sized samples of each color specified.

#### QUALITY ASSURANCE

##### CERTIFICATION

Concrete masonry units for grinding shall meet all appropriate, applicable standards of ASTM latest edition.

- » ASTM C1634 Specification for Concrete Facing Brick
- » ASTM C90 Load Bearing Masonry Units
- » ASTM C33 Specification for Concrete Aggregates
- » ASTM C140 Sampling and Testing for Concrete Masonry Units
- » ASTM E 514 Water Penetration and Leakage through Masonry

#### DELIVERY, STORAGE AND HANDLING

Westbrook Concrete Block's Westbricks® Thin with Pozzotive® Units shall be delivered to the jobsite on covered, stretch wrapped wood pallets with expanded polystyrene dividers separating the layers of block. Store pallets in single stacks on level ground and covered with waterproof covering to protect the units from inclement weather. When stocking the staging areas, units shall be handled carefully to avoid chipping and damage to the finished surfaces.

#### PROTECT AND SITE CONDITIONS

Cover walls each day after installation. Take special care to protect from moisture penetration. After units are installed they should be protected from damage by other trades. Walls should be covered with plastic or plywood to prevent staining or chipping.



### Part 2

#### PRODUCT NAME

WESTBRICKS® Thin with Pozzotive®

#### MANUFACTURER

Westbrook Concrete Block Company

#### SIZES AND SHAPES

- » Length dimensions of single faced units will be 7 5/8", 11 5/8", 15 5/8", 23 5/8" (+/- 1/8").
- » Width dimensions of single faced units will be 3 5/8" (+/- 1/8" unless otherwise specified).
- » Height surfaces are ground to provide a finished dimension of 1 5/8", 2 1/4", 2 3/4", 3 5/8", 3 3/4" (+/- 1/8" unless otherwise specified).
- » Corner units will have finished length dimensions of 7 9/16", 11 9/16", 15 9/16", 23 9/16" (+/- 1/8").
- » Units are available in solid and cored configuration and various sill blocks and custom shapes are available upon request.

#### WATER REPELLENCY

All Westbrook Concrete Block Westbricks® Thin with Pozzotive® units shall be manufactured with the water repellent admixture Dry Block®, a product of the Grace Construction Products, in sufficient amount to comply with the manufacturer's recommendation.

#### RECYCLED CONTENT

Westbricks® Thin with Pozzotive® units will be manufactured with Pozzotive®. Pozzotive® is a high performance Supplementary Cementitious Material, made from 100% recycled post-consumer glass. This glass is diverted from multiple post-consumer waste streams, including bottle redemption and curbside pickup. The Pozzotive® replaces up to 30% of the Portland cement used in manufacture of WESTBRICKS®. This recycled content will contribute toward LEED Materials & Resource Credits 4.1 & 4.2.

Please contact your authorized Westbrook Concrete Block representative for sizes, shapes and colors available with recycled content.





### Part 3

#### EXAMINATION

- A. Do not begin installation until substrates and foundations as well as rough-in and built-in construction have been properly prepared.
1. Walls must be structurally sound and the substrate system designed with a wall deflection not greater than  $L/360$ .
    - a. Maximum wall frame spacing for stud walls = 406.4 mm (16") O.C.
    - b. Maximum wall frame spacing for girts = 762 mm (30") O.C.
    - c. Minimum 0.043 inch (18-gauge; 1.09 mm) studs for exterior walls.
  2. Substrate shall have no planer irregularities greater than 7 mm in 3.05 m (1/4" in 10').
- B. Verify substrate including, concrete, masonry or framing as well as sheathings and weather barrier are properly installed. TABS Wall Systems Support Panel Guide Specification: [http://www.tabswallsystems.com/tabs\\_specifications](http://www.tabswallsystems.com/tabs_specifications)
- C. Verify walls are plumb and corners are braced to specifications.
- D. Substrate must be flat, within 1/8-inch (3.2 mm) within any 4-foot (1.2 m) square area with no planar irregularities greater than 1/4" per 10 linear feet.
- E. If substrate, foundations or flashing's are the responsibility of another installer; notify Architect and also owner, General contractor of unsatisfactory preparation before proceeding.

#### LAYING MASONRY WALLS

Laying concrete masonry units incorporating the best masonry practices. Install only quality units; reject all defective units. Align units level, plumb and true with uniform carefully tooled 3/8" wide concave mortar joints. Avoid raked joints in favor of a tooled "V" joint. This type of joint will insure that the mortar is pressed up and down to the top and bottom of the units and will avoid chipping the edges as often happens with a raked joint. Draw blocks from more than one pallet to insure blending of color range. All exterior mortar shall contain Grace Construction Products Dry Block® mortar water repellent additive.

#### FINISH AND APPEARANCE

Provisions relating to finish and appearance prohibits defects that would impair the strength or performance of the construction, but permit minor cracks incidental to the usual manufacturing methods. The presence of objectionable imperfections is based on viewing the face or faces from a distance of 0 feet (6.1 meters) under diffused lighting. Color and texture shall conform to a sample consisting of not less than 4 units, representing color and texture.

#### QUALITY CONTROL DURING INSTALLATION

Provide adequate lighting for masonry work for even illumination during installation.

- » Make all cuts with a motor driven, water lubricated masonry saw using a diamond blade.
- » Lay units with a full bed and head joints.
- » Tool all mortar joints and either concave or "V" joint.
- » Remove mortar from face of units before it sets.
- » Inspect finished walls to insure they are free from chips, cracks and any imperfections that would detract from the overall appearance of the wall. Walls should be viewed from a distance of twenty (20) feet under normal lighting to determine acceptance.



# Westbrook Concrete Block

A Tradition of Innovation

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## FLASHING

Install flashing at locations shown in the plans and in strict accordance with the details and the best masonry flashing practices.

## POINTING

Tuckpoint the joints of scored Westbricks® Thin with Pozzotive® Units

## CLEANING

- » Keep walls clean during installation using brushes, rags or burlap.
- » Do not allow excess mortar lumps or smears to set on the finished surface.
- » Clean the completed walls with a detergent masonry cleaner manufactured by the Prosoco Company.
- » Burnished Custom Masonry Cleaner® strictly following the manufacturer's instructions.

DO NOT USE ACID OR ABRASIVES ON THE FINISHED WALL.

High pressure washing is not recommended and could interfere with the Dry Block® and cause efflorescence.



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