

7031 Koll Center Parkway, Suite 150, Pleasanton, CA 94686  
Main: 925-249-3200 Fax: 925-486-0391  
DID: 925-249-3283 Email: skalmbach@pulte.com

**Pulte Homes**  
An American Favorite

# Fax

To: EVA CHU

From: Steve Kalmbach

Fax: 510.337.9335

Pages: 4, including cover sheet

Date: 9.3.02

Re: EMERYVILLE SITE HOLLIS/POWELL

Urgent

Per your request

Call to discuss

Please review

Comments:

EVA - PER OUR DISCUSSION, HERE IS THE  
PROPOSED VAPOR BARRIER FOR ALL FOUNDATIONS  
AT THE HOLLIS/POWELL PROPERTY IN EMERYVILLE.  
PLEASE CALL ME AT 925.249.3253 IF YOU HAVE  
ANY QUESTIONS.

THANKS,  
STEVE

THE INFORMATION CONTAINED IN THIS FACSIMILE IS CONFIDENTIAL and may also be subject to the attorney-client privilege or may constitute privileged work product. The information is intended only for the use of the individual or entity to whom it is addressed. If you are not the intended recipient, or the agent or employee responsible to deliver it to the intended recipient, you are hereby notified that any use, dissemination, distribution or copying of this communication is strictly prohibited. If you have received this facsimile in error, please notify us by telephone immediately and return the original message to us at the address above via U.S. Postal Service. Thank you.



August 30, 2002

Steve Kalmbach  
 Vice President High Density Housing  
 Northern California Division  
 Pulte Home Corporation  
 7031 Koll Center Parkway, Suite 150  
 Pleasanton, CA 94566-3281

Reference: Elevation 22 Housing  
 1300-1350 Powell Street, Emeryville, CA 94608  
 KMA 0169

Dear Steve,

As requested by Pulte Home Corporation attached is a copy of the specification for Damproofing for use under concrete building floor slabs built on grade.

The Fortifiber Corporation "Moistop Ultra" polyolefin barrier sheet material was approved by the California Regional Water Quality Control Board, San Francisco Bay Region, for use under the building slabs at the Liquid Sugar Housing project on 65<sup>th</sup> / 66<sup>th</sup> Street, which is currently under construction. The specified and approved product is compatible for use in the control of radon gas emissions.

Sincerely,

A handwritten signature in black ink, appearing to read "Gerry Tierney AIA", is written over a large, stylized, looping graphic element that resembles a signature flourish or a stylized letter 'G'.

Gerry Tierney AIA

cc: Dennis O'Keefe, Pulte Home Corporation

**SECTION 07150**  
**DAMPPROOFING**

**PART 1 - GENERAL**

**1.01 RELATED DOCUMENTS**

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specifications Sections, apply to this Section.

**1.02 SUMMARY**

- A. Provide below grade dampproofing complete, including the following principal items:
1. Dampproofing barrier under slabs on grade including sand cover.
  2. Damproof coating on inside face of raised slab stem walls.

**1.03 QUALITY ASSURANCE**

- A. Reference Standards: Manufacturers' specifications and recommendations.

**PART 2 - PRODUCTS**

**2.01 UNDER SLAB DAMPPROOFING**

- A. Barrier Sheet: Fortifiber Corporation "Moistop Ultra" puncture resistant polyolefin barrier sheet material specifically manufactured for use as a moisture and vapor barrier installed below concrete slab on grade. Vapor barrier must be compatible for use in control of radon emission.
1. Reference standards: Class "B" (premium) per ASTM E-1745-97.
  2. Water vapor permeance: 0.02 perms (premium) per ASTM F 1249.
  3. Puncture resistance: 1900 grams (premium) per ASTM D 781.
  4. Tensile strength: 45 #/in - MD; 42 #/in - CD per ASTM D-1709, Method B.
  5. Thickness: 12 mils.
- B. Tape and Adhesive: Per reference standards.
- C. Plastic Cement: ASTM D4586, Type I.
- D. Sand: ASTM C144 or ASTM C897.

**2.02 WALL DAMPPROOFING**

- A. Coating: Thoro System Products "ThoroSeal Foundation Coating" with "Acryl 60".
- B. Cleaner: Per reference standards
- C. Hydraulic Cement: Thoro System Products "Waterplug".
- D. Water: Clear and potable.

## PART 3 - EXECUTION

### 3.01 INSTALLATION

- A. Provide barrier sheet over rock base under slabs on grade at floors of enclosed interior spaces.
  1. Lap seams 6-inches [150-mm] minimum and seal with continuous tape or adhesive.
  2. Turn down onto foundation walls, lap face of wall at least 6-inches [150-mm]. Connect barrier to wall dampproofing and to wall waterproofing where occurs.
  3. There shall be no pipe penetrations through slab on grade dampproofing barrier.
  4. Screed supports shall be flat base plate with no penetrations of dampproofing barrier.
  5. Provide moist sand course over barrier sheet, thickness as shown.
- B. Provide dampproofing coating on outside of walls extending from bottom of floor slab down to outside edge of footing. Install in accordance with reference standards.
  1. Clean and etch surfaces to receive dampproofing.
  2. Apply coating at minimum 2 pounds per square yard [1.09-kg/m<sup>2</sup>] dry.

— END OF SECTION —