



**COUNTY OF PRINCE WILLIAM**  
1 County Complex Court, Prince William, Virginia 22192-9201  
(703) 792-6930 Metro (703) 631-1703 FAX: (703) 792-7054

DEPARTMENT OF  
PUBLIC WORKS  
Division of  
Building Development

Robert W. Wilson  
Director

**Product Approval 00-03**  
**April 15, 2004**

<b><u>Division 07:</u></b>	<b>Thermal and Moisture Protection</b>	<b><u>Section 07100:</u></b>	<b>Fluid Applied Waterproofing</b>
<b><u>Product:</u></b>	<b>Watchdog Waterproofing</b>	<b><u>Manufacturer:</u></b>	<b>Koch Waterproofing 6402 E. Main St Suite 201 Reynoldsburg, OH 43068</b>
<b><u>Report:</u></b>	<b>BOCA 22-13 (attached)</b>		

**Conditions**

1. Watchdog Waterproofing is approved in accordance with BOCA 22-13 Evaluation Report. If the BOCA Evaluation Report does not remain current, this approval expires.
2. A copy of this approval and the BOCA 22-13 Evaluation Report must be maintained with the approved construction drawings on-site for the inspectors review.
3. Watchdog Waterproofing is not a replacement or substitution for foundation drain tile.
4. Watchdog Waterproofing can only be applied when the ambient temperature is above 20 deg. F.
5. Backfilling shall not begin sooner than 24 hours after membrane application.

Eric M. Mays, P.E., C.B.O.  
Building Official

Cc: Product Approval Folder  
Building Plan Review Branch  
Construction Inspections Branch

# BOCA International Evaluation Report



**BOCA International, Inc.**  
4051 West Flossmoor Road • Country Club Hills, IL 60478-5795  
telephone (708) 799-2305 • fax (708) 799-0310  
e-mail: [boca-es@bocai.org](mailto:boca-es@bocai.org) • <http://www.bocai.org>

## EVALUATION REPORT

# 22•13

*Issued November, 2002*

### DIVISION 07 – THERMAL AND MOISTURE PROTECTION

#### Section 07140 – Fluid-Applied Waterproofing

#### MANUFACTURER:

**Koch Waterproofing Solutions, Inc.**  
A Division of Koch Materials, Co.  
6402 East Main Street  
Reynoldsburg, OH 43068  
(800) 876-5624  
[www.kochwaterproofing.com](http://www.kochwaterproofing.com)

#### EVALUATION SUBJECT:

Watchdog Waterproofing

### **NOTICE TO REPORT USERS**

This report is subject to annual certification. Reports that are not certified shall not be used or referred to. To determine the status of certification of this report, contact BOCA International, Inc., or consult the *BOCA Product Evaluation Listing* at [www.bocai.org](http://www.bocai.org), or call the Fax-On-Demand Service at BOCA, extension 500.

This report is subject to the conditions listed herein and to the specific product, data and test reports submitted by the applicant requesting this report. Independent tests were not performed by BOCA International, Inc. and BOCA International specifically does not make any warranty, either expressed or implied, as to any findings or other matters in this report or as to any product covered by this report. Evaluation reports are not to be construed as representing aesthetics or any other attributes not specifically addressed nor as an endorsement or recommendation for the use of the report subject. This disclaimer includes, but is not limited to, merchantability.

**Please contact BOCA Evaluation Services, with any questions you may have regarding this report. Additionally, please contact us if you have any information on the performance of the product described herein which is contrary to this report.**

BOCA International, Inc.

Product Evaluation Listing

**evaluation scope**

**description**

**conditions of use**

**items requiring verification**

**information submitted**

**application for permit**

**product identification**

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**evaluation scope**

Compliance with the following code:

*BOCA National Building Code/1999*

- Section 1813.4.2.2 Wall waterproofing materials

**description**

**Watchdog Waterproofing** is a fluid-applied, one-coat, polymer modified asphalt waterproofing membrane. The waterproofing is intended for spray application to below-grade foundation walls and footings of concrete and unparged or parged concrete masonry unit construction.

**conditions of use**

This report is limited to the applications and products as stated herein. BOCA International, Inc. intends that the report be used by the code official to determine that the report subject complies with the code requirements specifically addressed, provided that this product is installed in accordance with the following conditions:

- Watchdog Waterproofing membrane shall be limited to applications on the exterior vertical surfaces of below-grade foundation walls of unparged or parged concrete masonry, concrete construction and to vertical surfaces of supporting footings.
- Surfaces of the foundation walls and footings to be waterproofed shall be clean, dry and free of mortar, sand, soil, water, frost or other loose materials. The surfaces shall be smooth and free of projections including form ties. Concrete, unparged or parged masonry surfaces shall be cured and dry prior to application of the liquid waterproofing membrane.
- Voids in concrete, tie holes and honeycombed areas in the foundation wall or footings shall be filled with non-shrinking grout or an asphalt based mastic. Where non-shrinking grout is used for filling voids, adequate time shall be allowed for the grout to cure before proceeding with the membrane application.
- The liquid membrane shall be spray applied. The ambient air temperature at the time of application shall be 20 degrees F (-6 degrees C) or greater. Application temperature of the liquid material shall be in accordance with the manufacturer's published installation instructions.
- Backfilling shall not begin sooner than 24 hours after membrane application.
- This report is limited to an evaluation of Watchdog Waterproofing membrane applied at a minimum wet thickness of 0.060 in. (1.52 mm) (60 mils), which cures to a minimum dry film thickness of 0.040 in. (1.02 mm) (40 mils).
- Application of the Watchdog Waterproofing membrane on uncured ("green") concrete is outside the scope of this report.

**items requiring verification**

The following items are related to the use of the report subject, but not within the scope of this evaluation. However, these items are related to the determination of code compliance:

- ✓ Walls and footings shall be designed and constructed in accordance with Sections 1810.0 and 1813.4.2 of the BOCA National Building Code/1999.
- ✓ Placement of backfill, site grading and erosion control shall be in accordance with the requirements of Sections 1813.6, 1813.7 and 1813.8 of the BOCA National Building Code/1999.
- ✓ Detailing of joints and penetrations in the foundation wall is in accordance with Section 1813.4.3 of the *BOCA National Building Code/1999*.

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### **information submitted**

- D/L Laboratories Report No. DL-11692B, dated December 17, 1997, containing results of physical testing of the Watchdog Waterproofing Exterior Waterproofing Membrane.
- D/L Laboratories, Report DL-11491A-R, dated August 22, 1997, containing results of physical testing of the Watchdog Waterproofing Exterior Waterproofing Membrane.
- D/L Laboratories, Report DL-13456, dated May 16, 2002, containing results of hydrostatic pressure resistance testing of the membrane over nonstructural cracks.
- The manufacturer's published installation instructions, titled *Watchdog Waterproofing Detailed Application Instructions*, rev. dated June 2002.

### **application for permit**

To aid in the determination of compliance with this research report, the following represents the minimum level of information to accompany the application for permit:

- The language "See BOCA International, Inc. Report No. 22-13" or a copy of this report.
- Type of foundation wall construction (cast concrete, unparged masonry or parged masonry).
- Product manufacturer's name and product name.
- Description of substrate(s).
- Method of application and number of coats to be applied.
- Minimum cured thickness of waterproofing membrane.

### **product identification**

All containers of Koch Waterproofing Solutions, Inc.'s Watchdog Waterproofing Membrane or the packaging, manufactured in accordance with this research report, shall bear the following identification:

- "See BOCA International, Inc. Research Report No. 22-13."