

ICC-ES SAVE: Verification of Attributes Report™**VAR-1001**

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DIVISION: 10 00 00—SPECIALTIES
Section: 10 32 00—Fireplace Specialties**REPORT HOLDER:****EUROPEAN COPPER, LLC**
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(918) 494-2730
www.jackarnold.com**EVALUATION SUBJECT:****EUROPEAN COPPER CHIMNEY POTS (MODELS: PAWN,
KNIGHT, KNIGHT II, BISHOP, BISHOP II, QUEEN, AND
KING)****1.0 EVALUATION SCOPE****Compliance with the following evaluation guideline:**

ICC-ES Evaluation Guideline for Determination of Recycled Content of Materials (EG101), dated October 2008 (editorially revised July 2009).

Compliance eligibility with the applicable sections of the following green building rating systems, standards and codes:

- 2010 California Green Building Standards Code (CALGreen), Title 24, Part 11 (see Table 3 for details)
- National Green Building Standard (ICC 700-2008) (see Table 4 for details)
- LEED 2009 for New Construction and Major Renovations (LEED NC) (see Table 5 for details)
- ANSI/GBI 01-2010 – Green Building Assessment Protocol for Commercial Buildings (see Table 6 for details)

2.0 USES

European Copper Chimney Pots are used as spark arrestors on masonry chimneys.

3.0 DESCRIPTION

European Copper Chimney Pots are constructed of a copper outer shell, a stainless steel inner lining, stainless steel clips and stainless steel rivets.

The products contain the minimum types and percentage of recycled content, by weight, as set forth in Tables 1 and 2. Table 1 covers the chimney pots constructed from Classic Copper and Table 2 covers the chimney pots constructed from Freedom Gray Copper.

4.0 CONDITIONS**4.1 Code Compliance:**

See ICC-ES evaluation report [ESR-2287](#) for compliance with code requirements.

4.2 Green Rating Systems, Standards and Codes Eligibility:

The information presented in Tables 3 through 6 of this report provides a matrix of areas of evaluation and corresponding limitations and/or additional project-specific requirements, and offers benefit to individuals who are assessing eligibility for credits or points.

The final interpretation of the specific requirements of the respective green building rating systems, standards and/or codes rests with the developer of that specific rating system, standard or code or the Authority Having Jurisdiction, as applicable.

Compliance with the items noted as “Verified Attribute” is subject to any conditions noted in Tables 3 through 6. The user is advised of the project-specific provisions that may be contingent upon meeting specific conditions; verification of those conditions is outside the scope of this report. Rating systems or standards may provide supplemental information as guidance.

5.0 BASIS OF EVALUATION

The information in this report, including any “Verified Attribute,” is based upon the ICC-ES Evaluation Guideline for Determination of Recycled Content of Materials (EG101). [Evaluation applies to CALGreen Section A4.405.3 and A5.405.4; ICC 700 Section 604.1; LEED NC MR Credit 4; ANSI/GBI 01-2010 Section 10.2.1.1.]

6.0 IDENTIFICATION

European Copper Chimney Pots are identified with the manufacturer’s name, address and telephone number; the model name; and the VAR number (VAR-1001).

**TABLE 1—SUMMARY OF RECYCLED CONTENT (BY WEIGHT):
CLASSIC COPPER CHIMNEY POTS**

RECYCLED MATERIALS	% PRE-CONSUMER RECYCLED CONTENT	% TOTAL RECYCLED CONTENT
PAWN		
Classic Copper	70.3	84.5
Stainless Steel	14.2	
KNIGHT		
Classic Copper	68.5	84
Stainless Steel	15.5	
KNIGHT II		
Classic Copper	73.9	85.5
Stainless Steel	11.6	
BISHOP		
Classic Copper	64	82.7
Stainless Steel	18.7	
BISHOP II		
Classic Copper	68	83.8
Stainless Steel	15.8	
KING		
Classic Copper	61	81.9
Stainless Steel	20.9	
QUEEN		
Classic Copper	62	82.2
Stainless Steel	20.2	

**TABLE 2—SUMMARY OF RECYCLED CONTENT (BY WEIGHT):
FREEDOM GRAY COPPER CHIMNEY POTS**

RECYCLED MATERIALS	% PRE-CONSUMER RECYCLED CONTENT	% TOTAL RECYCLED CONTENT
PAWN		
Freedom Gray Copper	64.5	78.7
Stainless Steel	14.2	
KNIGHT		
Freedom Gray Copper	62.8	78.3
Stainless Steel	15.5	
KNIGHT II		
Freedom Gray Copper	67.7	79.3
Stainless Steel	11.6	
BISHOP		
Freedom Gray Copper	58.7	77.4
Stainless Steel	18.7	
BISHOP II		
Freedom Gray Copper	62.3	78.1
Stainless Steel	15.8	
KING		
Freedom Gray Copper	55.9	76.8
Stainless Steel	20.9	
QUEEN		
Freedom Gray Copper	56.8	77
Stainless Steel	20.2	

TABLES 3 THROUGH 6

Section Number	Section Intent	Possible Points	Conditions of Use to Qualify for Points	Finding
TABLE 3—SUMMARY OF AREA OF ELEGIBILITY WITH THE 2010 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN)				
A4.405.3	Recycled content	N/A	Use materials, equivalent in performance to virgin materials, with post-consumer or preconsumer recycled content value (RCV) for a minimum of 10% of the total value, based on estimated cost of materials on the project. Tier 1. Not less than a 10% recycled content value. Tier 2. Not less than a 15% recycled content value.	●
A5.405.4	Recycled content	N/A	Tier 1: Use materials, equivalent in performance to virgin materials, with post-consumer or pre-consumer RCV for a minimum of 10% of the total value, based on estimated cost of materials on the project. Tier 2: Use materials, equivalent in performance to virgin materials, with post-consumer or pre-consumer RCV for a minimum of 15% of the total value, based on estimated cost of materials on the project. The recycled content of a material assembly shall be determined by weight, and the fractional value of the weight is then multiplied by the total estimated cost of the material assembly.	●
TABLE 4—SUMMARY OF AREA OF ELEGIBILITY WITH THE NATIONAL GREEN BUILDING STANDARD (ICC 700-2008)				
604.1	Use building materials containing recycled content	3	3 points may be earned when products are used with another minor building component with recycled content of more than 75%.	●
TABLE 5—SUMMARY OF AREA OF ELEGIBILITY WITH USGBC'S LEED 2009 FOR NEW CONSTRUCTION AND MAJOR RENOVATIONS				
MR 4	Recycled content	1 2 max	To earn 1 point use materials with recycled content such that the sum of postconsumer recycled content plus 1/2 of the preconsumer content constitutes at least 10%, based on cost, of the total value of the materials in the project. To earn 2 points use 20% or more.	●
TABLE 6—SUMMARY OF AREA OF ELEGIBILITY WITH ANSI/GBI 01-2010 - GREEN BUILDING ASSESSMENT PROTOCOL FOR COMMERCIAL BUILDINGS				
10.1.2.1	Materials content - Assemblies	1 8 max	Recycled post-consumer or post-industrial (pre-consumer) content materials accounted for 1% to 20% or more of building materials. Percentage is calculated as 100 x A (total cost or weight of recycled content materials) ÷ B (total cost or weight of all building materials).	●
●	= Verified attribute			