

# IAPMO RESEARCH AND TESTING, INC.

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Recycled Material

## CERTIFICATE OF LISTING

IAPMO Research and Testing, Inc. is a product certification body which tests and inspects samples taken from the supplier's stock or from the market or a combination of both to verify compliance to the requirements of applicable codes and standards. This activity is coupled with periodic surveillance of the supplier's factory and warehouses as well as the assessment of the supplier's Quality Assurance System. This listing is subject to the conditions set forth in the characteristics below and is not to be construed as any recommendation, assurance or guarantee by IAPMO Research and Testing, Inc. of the product acceptance by Authorities Having Jurisdiction.

The most updated information on this Certificate of Listing is available online at [pld.iapmo.org](http://pld.iapmo.org)

Effective Date: January 2016

Void After: January 2017

Product: Recycled material in Cast Iron Couplings  
Used for Joining Hubless Cast Iron Soil Pipe  
and Fittings

File No. G-7721

Issued To: Mg Piping Products Co.  
10560 Fern Ave  
Stanton, CA 90680-2648

Identification: Products certified as Green shall be marked with the appropriate IAPMO R&T mark of conformity. The marking may include the term "GREEN" on the top of the mark of conformity and the verbiage "Recycled Material" below the mark of conformity. Such marking can be applied on the product itself and/or the packaging.

Characteristics: This listing identifies products that use recycled material. Cast Iron couplings manufactured in compliance with the applicable requirements of the Cal Green - 2013, and LEED® - 2009. To be installed in accordance with the manufacturer's installation instructions.

Products listed on this certificate have been tested by an IAPMO R&T recognized laboratory. This recognition has been granted based upon the laboratory's compliance to the applicable requirements of ISO/IEC 17025.

Products are in compliance with the following code(s):

  
Chairman, Product Certification Committee

  
CEO, The IAPMO Group



This listing period is based upon the last date of the month indicated on the Effective Date and Void After Date shown above. Any change in material, manufacturing process, marking or design without having first obtained the approval of the Product Certification Committee, or any evidence of non-compliance with applicable codes and standards or of inferior workmanship, may be deemed sufficient cause for revocation of this listing. Production of or reference to this form for advertising purposes may be made only by specific written permission of IAPMO Research and Testing, Inc. Any alteration of this certificate could be grounds for revocation of the listing.



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Cal Green  
LEED  
National Green Plumbing Standard

Products are in compliance with the following standard(s):

Cal Green - 2013, LEED® - 2013  
National Green Plumbing Standard - 2012



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MODELS:

Model No.	Cal Green - 2010	National Green Plumbing	LEED® - 2009
MG1.5	Possible number of points is elective. See Note 1	2 - 6 points See Note 2	0.5 to 8 depending on ---- See Notes 3,4,5 and 6
MG02	Possible number of point is elective. See Note 1	2 - 6 points See Note 2	0.5 to 8 depending on ---- See Notes 3,4,5 and 6
MG03	Possible number of point is elective. See Note 1	2 - 6 points See Note 2	0.5 to 8 depending on ---- See Notes 3,4,5 and 6
MG04	Possible number of point is elective. See Note 1	2 - 6 points See Note 2	0.5 to 8 depending on ---- See Notes 3,4,5 and 6
MG05	Possible number of point is elective. See Note 1	2 - 6 points See Note 2	0.5 to 8 depending on ---- See Notes 3,4,5 and 6
MG06	Possible number of point is elective. See Note 1	2 - 6 points See Note 2	0.5 to 8 depending on ---- See Notes 3,4,5 and 6
MG08	Possible number of point is elective. See Note 1	2 - 6 points See Note 2	0.5 to 8 depending on ---- See Notes 3,4,5 and 6
MG10	Possible number of point is elective. See Note 1	2 - 6 points See Note 2	0.5 to 8 depending on ---- See Notes 3,4,5 and 6

Note 1: Section A4.405.3 Recycled content  
Tier 1. The use of materials that is equivalent in performance to virgin material, with not less than a 10 percent recycled content value.  
Tier 2. The use of materials that is equivalent in performance to virgin material, content value. Not less than a 15 percent recycled



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Note: Sources and recycled content of some recycled materials can be obtained from CalRecycle.

A4.405.3.1 Determination of recycled content value (RCV). The following equation shall be used to calculate recycled content value.  $RCV = (\text{percent PC} \times \text{material cost}) + 0.5 (\text{percent PI} \times \text{material cost})$

Notes:

1. PC means post consumer waste
2. PI means post industrial waste

Note 2: Section 604.1 - recycled content (2 - 6 points) depending when used with other recycled components

Note 3: Section MR 2.2 -Homes (0.5 points)

Note 4: Section MR 4 -New Construction and Major renovation (1, 2 Max)

Note 5: Section MR 4 -Schools New Construction and Major renovation (1, 2 Max)

Note 6: Section 10.1.2.1 -Commercial buildings (1, 8 Max)