

Mangas Thomas B  
 Form 4  
 December 21, 2010

**FORM 4** UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
 Washington, D.C. 20549

OMB APPROVAL

OMB Number: 3235-0287  
 Expires: January 31, 2005  
 Estimated average burden hours per response... 0.5

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
 Mangas Thomas B

2. Issuer Name and Ticker or Trading Symbol  
 ARMSTRONG WORLD INDUSTRIES INC [AWI]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

3. Date of Earliest Transaction (Month/Day/Year)  
 12/17/2010

\_\_\_\_ Director \_\_\_\_\_ 10% Owner  
 Officer (give title below) \_\_\_\_\_ Other (specify below)  
 Senior VP & CFO

C/O ARMSTRONG WORLD INDUSTRIES, INC., 2500 COLUMBIA AVENUE  
 (Street)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 \_\_\_\_ Form filed by More than One Reporting Person

LANCASTER, PA 17603

(City) (State) (Zip)

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transaction Code (Instr. 8) | 4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|-----------------------------------|
|                                 |                                      |  |                                | (A) or (D)  | Price   |  |                                   |
|                                 |                                      |  |                                | Code  | V   | Amount   |                                   |

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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SEC 1474 (9-02)

**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

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| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any (Month/Day/Year) | 4. Transaction Code (Instr. 8) | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | 6. Date Exercisable and Expiration Date (Month/Day/Year) |        | 7. Title and Amount of Underlying Security (Instr. 3 and 4) |                 |              |                            |
|--|--|--------------------------------------|--|--------------------------------|---|--|--------|---|-----------------|--------------|----------------------------|
|  |  |                                      |  | Code                           | V   | (A)  | (D)    | Date Exercisable  | Expiration Date | Title        | Amount or Number of Shares |
| Stock Option                               | \$ 34.13   | 12/17/2010                           |  | D <sup>(1)</sup>               |   |  | 16,666 | 03/02/2012  | 03/02/2020      | Common stock | 16,666                     |
| Stock Option                               | \$ 26.21   | 12/17/2010                           |  | A <sup>(1)</sup>               |   | 21,704   |        | 03/02/2012  | 03/02/2020      | Common stock | 21,704                     |
| Stock Option                               | \$ 34.13   | 12/17/2010                           |  | D <sup>(1)</sup>               |   |  | 16,667 | 03/02/2013  | 03/02/2020      | Common stock | 16,667                     |
| Stock option                               | \$ 26.21   | 12/17/2010                           |  | A <sup>(1)</sup>               |   | 21,705   |        | 03/02/2013  | 03/02/2020      | Common stock | 21,705                     |
| Stock option                               | \$ 34.13   | 12/17/2010                           |  | D <sup>(1)</sup>               |   |  | 16,667 | 03/02/2014  | 03/02/2020      | Common stock | 16,667                     |
| Stock option                               | \$ 26.21   | 12/17/2010                           |  | A <sup>(1)</sup>               |   | 21,705   |        | 03/02/2014  | 03/02/2020      | Common stock | 21,705                     |
| Stock option                               | \$ 38.06   | 12/17/2010                           |  | D <sup>(1)</sup>               |   |  | 21,057 | 04/01/2011  | 04/01/2020      | Common stock | 21,057                     |
| Stock option                               | \$ 29.23   | 12/17/2010                           |  | A <sup>(1)</sup>               |   | 27,425   |        | 04/01/2011  | 04/01/2020      | Common stock | 27,425                     |
| Stock option                               | \$ 38.06   | 12/17/2010                           |  | D <sup>(1)</sup>               |   |  | 21,057 | 04/01/2012  | 04/01/2020      | Common stock | 21,057                     |
| Stock option                               | \$ 29.23   | 12/17/2010                           |  | A <sup>(1)</sup>               |   | 27,425   |        | 04/01/2012  | 04/01/2020      | Common stock | 27,425                     |
| Stock option                               | \$ 38.06   | 12/17/2010                           |  | D <sup>(1)</sup>               |   |  | 21,058 | 04/01/2013  | 04/01/2020      | Common stock | 21,058                     |
| Stock option                               | \$ 29.23   | 12/17/2010                           |  | A <sup>(1)</sup>               |   | 27,425   |        | 04/01/2013  | 04/01/2020      | Common stock | 27,425                     |

## Reporting Owners

| Reporting Owner Name / Address   | Relationships |           |                 |       |
|--|---------------|-----------|-----------------|-------|
|  | Director      | 10% Owner | Officer         | Other |
| Mangas Thomas B<br>C/O ARMSTRONG WORLD INDUSTRIES, INC.<br>2500 COLUMBIA AVENUE<br>LANCASTER, PA 17603 |               |           | Senior VP & CFO |       |

## Signatures

/s/ Jeffrey D. Nickel,  
attorney-in-fact

12/21/2010

\_\_Signature of Reporting Person

Date

## Explanation of Responses:

- \* If the form is filed by more than one reporting person, *see* Instruction 4(b)(v).
- \*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations. *See* 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) The reported transactions involved an amendment of outstanding options due to the recapitalization of the Company, resulting in the deemed cancellation of the "old" options and the grant of replacement options.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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