

Mangas Thomas B  
Form 4  
April 12, 2012

**FORM 4**

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

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

## OMB APPROVAL

OMB  
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(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)

C/O ARMSTRONG WORLD  
INDUSTRIES, INC., 2500  
COLUMBIA AVE

3. Date of Earliest Transaction  
(Month/Day/Year)  
04/10/2012

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

(Street)

LANCASTER, PA 17603

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

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

(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 Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(D)	Price

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 Underlying Security (Instr. 3 and 4)			
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Options	\$ 26.21	04/10/2012		D <sup>(1)</sup>			21,704	03/02/2012	03/02/2020	Common Stock	21,704
Stock Options	\$ 22.48	04/10/2012		A <sup>(1)</sup>		25,309		03/02/2012	03/02/2020	Common Stock	25,309
Stock Options	\$ 26.21	04/10/2012		D <sup>(1)</sup>			21,705	03/02/2013	03/02/2020	Common Stock	21,705
Stock Options	\$ 22.48	04/10/2012		A <sup>(1)</sup>		25,310		03/02/2013	03/02/2020	Common Stock	25,310
Stock Options	\$ 26.21	04/10/2012		D <sup>(1)</sup>			21,705	03/02/2014	03/02/2020	Common Stock	21,705
Stock Options	\$ 22.48	04/10/2012		A <sup>(1)</sup>		25,310		03/02/2014	03/02/2020	Common Stock	25,310
Stock Options	\$ 29.23	04/10/2012		D <sup>(1)</sup>			27,425	04/01/2011	04/01/2020	Common Stock	27,425
Stock Options	\$ 25.07	04/10/2012		A <sup>(1)</sup>		31,980		04/01/2011	04/01/2020	Common Stock	31,980
Stock Options	\$ 29.23	04/10/2012		D <sup>(1)</sup>			27,425	04/01/2012	04/01/2020	Common Stock	27,425
Stock Options	\$ 25.07	04/10/2012		A <sup>(1)</sup>		31,980		04/01/2012	04/01/2020	Common Stock	31,980
Stock Options	\$ 29.23	04/10/2012		D <sup>(1)</sup>			27,425	04/01/2013	04/01/2020	Common Stock	27,425
Stock Options	\$ 25.07	04/10/2012		A <sup>(1)</sup>		31,981		04/01/2013	04/01/2020	Common Stock	31,981
Stock Options	\$ 41.47	04/10/2012		D <sup>(1)</sup>			11,567	03/02/2012	03/02/2021	Common Stock	11,567
Stock Options	\$ 35.57	04/10/2012		A <sup>(1)</sup>		13,489		03/02/2012	03/02/2021	Common Stock	13,489
Stock Options	\$ 41.47	04/10/2012		D <sup>(1)</sup>			11,568	03/02/2013	03/02/2021	Common Stock	11,568
Stock Options	\$ 35.57	04/10/2012		A <sup>(1)</sup>		13,489		03/02/2013	03/02/2021	Common Stock	13,489
Stock Options	\$ 41.47	04/10/2012		D <sup>(1)</sup>			11,568	03/02/2014	03/02/2021	Common Stock	11,568

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Stock Options	\$ 35.57	04/10/2012	A <sup>(1)</sup>	13,489	03/02/2014	03/02/2021	Common Stock	13,489
Stock Options	\$ 50.38	04/10/2012	D <sup>(1)</sup>	9,685	02/28/2013	02/28/2022	Common Stock	9,685
Stock Options	\$ 43.21	04/10/2012	A <sup>(1)</sup>	11,294	02/28/2013	02/28/2022	Common Stock	11,294
Stock Options	\$ 50.38	04/10/2012	D <sup>(1)</sup>	9,685	02/28/2014	02/28/2022	Common Stock	9,685
Stock Options	\$ 43.21	04/10/2012	A <sup>(1)</sup>	11,294	02/28/2014	02/28/2022	Common Stock	11,294
Stock Options	\$ 50.38	04/10/2012	D <sup>(1)</sup>	9,686	02/28/2015	02/28/2022	Common Stock	9,686
Stock Options	\$ 43.21	04/10/2012	A <sup>(1)</sup>	11,294	02/28/2015	02/28/2022	Common Stock	11,294

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Mangas Thomas B C/O ARMSTRONG WORLD INDUSTRIES, INC. 2500 COLUMBIA AVE LANCASTER, PA 17603			Sr. VP & CFO	

## Signatures

/s/Christopher S. Parisi,  
Attorney-in-fact

04/12/2012

\_\_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).

The reported transactions relate to an adjustment of outstanding stock options and exercise prices in connection with the Registrant's  
(1) payment of a special cash dividend to shareholders on April 10, 2012, resulting in the deemed cancellation of the original options and the grant of replacement options. An adjustment is required under the terms of the underlying equity incentive plan.

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