

Kane Thomas Michael
 Form 4
 August 24, 2011

FORM 4

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

OMB APPROVAL

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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 *
 Kane Thomas Michael

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)
 08/23/2011

____ Director
 Officer (give title below) Sr. VP-HR & Compliance Officer
 ____ 10% Owner
 ____ Other (specify below)

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		
Common Stock	08/23/2011		M	1,382	A	\$ 0	1,382	D
Common Stock	08/23/2011		F	423	(1)	D	\$ 959	D
							36.76	

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

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

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 Securities (Instr. 3 and 4)
Restricted stock units	(2)	08/23/2011		M	1,382 (3)	08/23/2011 08/23/2011	Common stock 1,382

Reporting Owners

Reporting Owner Name / Address

Relationships

Director 10% Owner Officer Other

Kane Thomas Michael
C/O ARMSTRONG WORLD INDUSTRIES,
INC.
2500 COLUMBIA AVENUE
LANCASTER, PA 17603

Sr. VP-HR & Compliance Officer

Signatures

/s/ Mary J. Huwaldt,
Attorney-in-fact

08/24/2011

__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) Represents the number of shares withheld by the issuer to satisfy the reporting person's tax obligations incurred upon the vesting of the restricted stock units granted to the reporting person under the 2006 Long-Term Incentive Plan and as previously disclosed by the reporting person.

(2) Each restricted stock unit represents the right to receive, following vesting, one share of issuer common stock together with a cash dividend payment proportionate to the vested shares.

(3) On August 23, 2011, 1,382 restricted stock units granted to the reporting person under the 2006 Long-Term Incentive Plan (as previously disclosed by the reporting person) vested and were settled in an equivalent amount of issuer common stock.

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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