

Ready Frank J  
 Form 4  
 December 21, 2010

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

OMB APPROVAL

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**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 \*  
 Ready Frank J

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)  
 Executive Vice President

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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**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)	
					(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock option	\$ 29.37	12/17/2010		D <sup>(1)</sup>		29,018	10/02/2008	10/02/2016	Common Stock	29,018
Stock option	\$ 22.55	12/17/2010		A <sup>(1)</sup>	37,785		10/02/2008	10/02/2016	Common stock	37,785
Stock option	\$ 29.37	12/17/2010		D <sup>(1)</sup>		29,019	08/28/2009	10/02/2016	Common stock	29,019
Stock option	\$ 22.55	12/17/2010		A <sup>(1)</sup>	37,785		08/28/2009	10/02/2016	Common stock	37,785
Stock option	\$ 29.37	12/17/2010		D <sup>(1)</sup>		29,019	08/28/2009	10/02/2016	Common stock	29,019
Stock option	\$ 22.55	12/17/2010		A <sup>(1)</sup>	37,786		08/28/2009	10/02/2016	Common stock	37,786
Stock option	\$ 13.46	12/17/2010		D <sup>(1)</sup>		22,381	08/28/2009	02/23/2019	Common stock	22,381
Stock option	\$ 10.34	12/17/2010		A <sup>(1)</sup>	29,149		08/28/2009	02/23/2019	Common stock	29,149
Stock option	\$ 13.46	12/17/2010		D <sup>(1)</sup>		22,381	08/28/2009	02/23/2019	Common stock	22,381
Stock option	\$ 10.34	12/17/2010		A <sup>(1)</sup>	29,149		08/28/2009	02/23/2019	Common stock	29,149
Stock option	\$ 13.46	12/17/2010		D <sup>(1)</sup>		22,382	08/28/2009	02/23/2019	Common stock	22,382
Stock option	\$ 10.34	12/17/2010		A <sup>(1)</sup>	29,150		08/28/2009	02/23/2019	Common stock	29,150
Stock option	\$ 38.06	12/17/2010		D <sup>(1)</sup>		12,634	04/01/2011	04/01/2020	Common stock	12,634
Stock option	\$ 29.23	12/17/2010		A <sup>(1)</sup>	16,455		04/01/2011	04/01/2020	Common stock	16,455
Stock option	\$ 38.06	12/17/2010		D <sup>(1)</sup>		12,634	04/01/2012	04/01/2020	Common stock	12,634
Stock option	\$ 29.23	12/17/2010		A <sup>(1)</sup>	16,455		04/01/2012	04/01/2020	Common stock	16,455
Stock option	\$ 38.06	12/17/2010		D <sup>(1)</sup>		12,635	04/01/2013	04/01/2020	Common stock	12,635

