

ARMSTRONG WORLD INDUSTRIES INC  
 Form 3  
 April 11, 2016

**FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

OMB APPROVAL

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**INITIAL STATEMENT OF 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 *                           |         | 2. Date of Event Requiring Statement | 3. Issuer Name <b>and</b> Ticker or Trading Symbol                         |  |
| Â Cookson David S   |         | (Month/Day/Year)                     | ARMSTRONG WORLD INDUSTRIES INC [AWI]                                       |  |
| (Last)  | (First) | (Middle)                             | 03/30/2016   |  |
| C/O ARMSTRONG FLOORING, INC., Â 2500 COLUMBIA AVENUE, P.O. BOX 3001 |         |                                      | 4. Relationship of Reporting Person(s) to Issuer                           | 5. If Amendment, Date Original Filed(Month/Day/Year)                   |
| (Street)  |         |                                      | (Check all applicable)   |  |
| LANCASTER, Â PA Â 17603   |         |                                      | <input type="checkbox"/> Director <input type="checkbox"/> 10% Owner       | 6. Individual or Joint/Group Filing(Check Applicable Line)             |
| (City)  | (State) | (Zip)                                | <input checked="" type="checkbox"/> Officer <input type="checkbox"/> Other | <input checked="" type="checkbox"/> Form filed by One Reporting Person |
|   |         |                                      | (give title below) (specify below)   | <input type="checkbox"/> Form filed by More than One Reporting Person  |
|   |         |                                      | SVP, North America   |  |

**Table I - Non-Derivative Securities Beneficially Owned**

| 1. Title of Security<br>(Instr. 4) | 2. Amount of Securities Beneficially Owned<br>(Instr. 4) | 3. Ownership Form:<br>Direct (D)<br>or Indirect (I)<br>(Instr. 5) | 4. Nature of Indirect Beneficial Ownership<br>(Instr. 5) |
|------------------------------------|--|---|--|
| Common Stock                       | 17,938   | D   | Â  |

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

SEC 1473 (7-02)

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

| 1. Title of Derivative Security<br>(Instr. 4) | 2. Date Exercisable and Expiration Date<br>(Month/Day/Year) | 3. Title and Amount of Securities Underlying Derivative Security | 4. Conversion or Exercise | 5. Ownership Form of | 6. Nature of Indirect Beneficial Ownership<br>(Instr. 5) |
|---|---|--|---------------------------|----------------------|--|
|---|---|--|---------------------------|----------------------|--|

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|                                       | Date Exercisable | Expiration Date  | (Instr. 4)<br>Title | Amount or Number of Shares | Price of Derivative Security | Derivative Security: Direct (D) or Indirect (I) (Instr. 5) |   |
|---------------------------------------|------------------|------------------|---------------------|----------------------------|------------------------------|--|---|
| Restricted Stock Units <sup>(1)</sup> | Â <sup>(2)</sup> | Â <sup>(2)</sup> | Common Stock        | 3,146                      | \$ <sup>(1)</sup>            | D  | Â |
| Stock Options                         | Â <sup>(3)</sup> | 02/25/2024       | Common Stock        | 6,747                      | \$ 53.87                     | D  | Â |
| Stock Options                         | Â <sup>(4)</sup> | 02/20/2023       | Common Stock        | 6,320                      | \$ 51.76                     | D  | Â |
| Stock Options                         | Â <sup>(5)</sup> | 02/28/2022       | Common Stock        | 10,867                     | \$ 43.21                     | D  | Â |

## Reporting Owners

| Reporting Owner Name / Address  | Relationships |           |                            |       |
|---|---------------|-----------|----------------------------|-------|
|   | Director      | 10% Owner | Officer                    | Other |
| Cookson David S<br>C/O ARMSTRONG FLOORING, INC.<br>2500 COLUMBIA AVENUE, P.O. BOX 3001<br>LANCASTER, PA 17603 | Â             | Â         | Â SVP,<br>North<br>America | Â     |

## Signatures

/s/ Bryan Y.M. Tham, 04/11/2016  
Attorney-in-Fact

<sup>\_\_</sup>Signature of Reporting Person Date

## Explanation of Responses:

- \* If the form is filed by more than one reporting person, *see* Instruction 5(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) Each restricted stock unit represents a contingent right to receive one share of the Issuer's common stock under the Issuer's 2011 Long-Term Incentive Plan.  
The restricted stock units were granted to the Reporting Person on February 24, 2015 and will vest as follows: (1) 1,573 on the second anniversary of the grant, and (2) 1,573 on the third anniversary of the grant (contingent upon the Reporting Person's employment with the Issuer on the scheduled vesting date, except as provided for under the Issuer's 2011 Long-Term Incentive Plan).
- (3) The stock options were granted on February 25, 2014 and 4,498 have vested; the remaining 2,249 unvested stock options will vest and become exercisable on the third anniversary of the grant (contingent upon the Reporting Person's employment with the Issuer on the scheduled vesting date, except as provided for under the Issuer's 2011 Long-Term Incentive Plan).
- (4) The stock options were granted on February 20, 2013 and have vested.
- (5) The stock options were granted on February 28, 2012 and have vested.

Â  
**Remarks:**  
SeeÂ ExhibitÂ 24Â PowerÂ ofÂ Attorney

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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