

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

FORM 6-K

**Report of Foreign Private Issuer Pursuant to Rule 13a-16 or 15d-16
under the Securities Exchange Act of 1934**

For the Month of December 2016

1-15240
(Commission File Number)

JAMES HARDIE INDUSTRIES plc
(Translation of registrant's name into English)

Europa House, Second Floor
Harcourt Centre
Harcourt Street, Dublin 2, Ireland
(Address of principal executive offices)

Indicate by check mark whether the registrant files or will file annual reports under cover Form 20-F or Form 40-F.

Form 20-F..X.... Form 40-F.....

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1): Not Applicable

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7): Not Applicable

TABLE OF CONTENTS

[Forward-Looking Statements](#)
[Exhibit Index](#)
[Signatures](#)

3
5
6

[Table of Contents](#)

Forward-Looking Statements

This Form 6-K contains forward-looking statements. James Hardie Industries plc (the “company”) may from time to time make forward-looking statements in its periodic reports filed with or furnished to the Securities and Exchange Commission, on Forms 20-F and 6-K, in its annual reports to shareholders, in offering circulars, invitation memoranda and prospectuses, in media releases and other written materials and in oral statements made by the company’s officers, directors or employees to analysts, institutional investors, existing and potential lenders, representatives of the media and others. Statements that are not historical facts are forward-looking statements and such forward-looking statements are statements made pursuant to the Safe Harbor Provisions of the Private Securities Litigation Reform Act of 1995.

Examples of forward-looking statements include:

- statements about the company’s future performance;
- projections of the company’s results of operations or financial condition;
- statements regarding the company’s plans, objectives or goals, including those relating to strategies, initiatives, competition, acquisitions, dispositions and/or its products;
- expectations concerning the costs associated with the suspension or closure of operations at any of the company’s plants and future plans with respect to any such plants;
- expectations concerning the costs associated with the significant capital expenditure projects at any of the company’s plants and future plans with respect to any such projects;
- expectations regarding the extension or renewal of the company’s credit facilities including changes to terms, covenants or ratios;
- expectations concerning dividend payments and share buy-backs;
- statements concerning the company’s corporate and tax domiciles and structures and potential changes to them, including potential tax charges;
- statements regarding tax liabilities and related audits, reviews and proceedings;
- expectations about the timing and amount of contributions to Asbestos Injuries Compensation Fund (AICF), a special purpose fund for the compensation of proven Australian asbestos-related personal injury and death claims;
- expectations concerning the adequacy of the company’s warranty provisions and estimates for future warranty-related costs;
- statements regarding the company’s ability to manage legal and regulatory matters (including but not limited to product liability, environmental, intellectual property and competition law matters) and to resolve any such pending legal and regulatory matters within current estimates and in anticipation of certain third-party recoveries; and
- statements about economic conditions, such as changes in the US economic or housing recovery or changes in the market conditions in the Asia Pacific region, the levels of new home construction and home renovations, unemployment levels, changes in consumer income, changes or stability in housing values, the availability of mortgages and other financing, mortgage and other interest rates, housing affordability and supply, the levels of foreclosures and home resales, currency exchange rates, and builder and consumer confidence.

Words such as “believe,” “anticipate,” “plan,” “expect,” “intend,” “target,” “estimate,” “project,” “predict,” “forecast,” “guideline,” “aim,” “will,” “should,” “likely,” “continue,” “may,” “objective,” “outlook” and similar expressions are intended to identify forward-looking statements but are not the exclusive means of identifying such statements. Readers are cautioned not to place undue reliance on these forward-looking statements and all such forward-looking statements are qualified in their entirety by reference to the following cautionary statements.

Forward-looking statements are based on the company’s current expectations, estimates and assumptions and because forward-looking statements address future results, events and conditions, they, by their very nature, involve inherent risks and uncertainties, many of which are unforeseeable and beyond the company’s control. Such known and unknown risks, uncertainties and other factors may cause actual results, performance or other achievements to differ materially from the anticipated results, performance or achievements expressed, projected or implied by these forward-looking statements. These factors, some of which are discussed under “Risk Factors” in Section 3 of the Form 20-F filed with the Securities and Exchange Commission on 19 May 2016, include, but are not limited to: all matters relating to or arising out of the prior manufacture of products that contained asbestos by current and former company subsidiaries; required contributions to AICF, any shortfall in AICF and the effect of currency exchange rate movements on the amount recorded in the company’s financial statements as an asbestos liability; governmental loan facility to AICF; compliance with and changes in tax laws and treatments; competition and product pricing in the markets in which the company operates; the consequences of product failures or defects; exposure to environmental, asbestos, putative consumer class action or other legal proceedings; general economic and market conditions; the supply and cost of raw materials; possible increases in competition and the potential that competitors could copy the company’s products; reliance on a small number of customers; a customer’s inability to pay; compliance with and changes in environmental and health and safety laws; risks of conducting business internationally; compliance with and changes in laws and regulations; currency exchange risks; dependence on customer preference and the concentration of the company’s customer base on large format retail customers, distributors and dealers; dependence on residential and commercial construction markets; the effect of adverse changes in climate or weather patterns; possible inability to renew credit facilities on terms favorable to the company, or at all; acquisition or sale of businesses and business segments; changes in the company’s key management personnel; inherent limitations on internal controls; use of accounting estimates; and all other risks identified in the company’s reports filed with Australian, Irish and US securities regulatory agencies and exchanges (as appropriate). The company cautions

[Table of Contents](#)

you that the foregoing list of factors is not exhaustive and that other risks and uncertainties may cause actual results to differ materially from those referenced in the company's forward-looking statements. Forward-looking statements speak only as of the date they are made and are statements of the company's current expectations concerning future results, events and conditions. The company assumes no obligation to update any forward-looking statements or information except as required by law.

EXHIBIT INDEX

<u>Exhibit No.</u>	<u>Description</u>
99.1	Appendix 3B – 9 December
99.2	Appendix 3Y - 7 December L Gries
99.3	Substantial Shareholder Notification - 6 December
99.4	Substantial Shareholder Notification - 7 December

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

Date: 12 December 2016

James Hardie Industries plc

By: /s/ Natasha Mercer

Natasha Mercer
Company Secretary

EXHIBIT INDEX

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99.1	Appendix 3B – 9 December
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Appendix 3B

New issue announcement, application for quotation of additional securities and agreement

Information or documents not available now must be given to ASX as soon as available. Information and documents given to ASX become ASX's property and may be made public.

Introduced 01/07/96 Origin: Appendix 5 Amended 01/07/98, 01/09/99, 01/07/00, 30/09/01, 11/03/02, 01/01/03, 24/10/05, 01/08/12, 04/03/13

Name of entity

James Hardie Industries plc

ABN

097 829 895 Incorporated in Ireland. The liability of members is limited.

We (the entity) give ASX the following information.

Part 1 - All issues

You must complete the relevant sections (attach sheets if there is not enough space).

1	+Class of +securities issued or to be issued	Ordinary shares/CUFS issued on vesting of Restricted Stock Units (RSUs).
2	Number of +securities issued or to be issued (if known) or maximum number which may be issued	RSUs vesting: 227,953 ordinary shares/CUFS.
3	Principal terms of the +securities (e.g. if options, exercise price and expiry date; if partly paid +securities, the amount outstanding and due dates for payment; if +convertible securities, the conversion price and dates for conversion)	RSUs vesting: 227,953 ordinary shares/CUFS issued on vesting of RSUs.

+ See chapter 19 for defined terms.

Appendix 3B
New issue announcement

<p>4 Do the +securities rank equally in all respects from the +issue date with an existing +class of quoted +securities?</p> <p>If the additional +securities do not rank equally, please state:</p> <ul style="list-style-type: none"> • the date from which they do • the extent to which they participate for the next dividend, (in the case of a trust, distribution) or interest payment • the extent to which they do not rank equally, other than in relation to the next dividend, distribution or interest payment 	<p>Yes, ordinary shares/CUFS issued on vesting of RSUs rank equally with issued ordinary shares/CUFS.</p>
<p>5 Issue price or consideration</p>	<p>No amount payable.</p>
<p>6 Purpose of the issue (If issued as consideration for the acquisition of assets, clearly identify those assets)</p>	<p>Vesting of RSUs pursuant to the James Hardie Industries 2001 Equity Incentive Plan (2001 Plan).</p>
<p>6a Is the entity an +eligible entity that has obtained security holder approval under rule 7.1A? If Yes, complete sections 6b – 6h in relation to the +securities the subject of this Appendix 3B, and comply with section 6i</p>	<p>No. Equity securities issued under the 2001 Plan are no longer the subject of security holder approval.</p>
<p>6b The date the security holder resolution under rule 7.1A was passed</p>	<p>Not applicable</p>
<p>6c Number of +securities issued without security holder approval under rule 7.1</p>	<p>227,953</p>
<p>6d Number of +securities issued with security holder approval under rule 7.1A</p>	<p>Not applicable</p>
<p>6e Number of +securities issued with security holder approval under rule 7.3, or another specific security holder approval (specify date of meeting)</p>	<p>Not applicable</p>

+ See chapter 19 for defined terms.

6f	Number of +securities issued under an exception in rule 7.2	Not applicable	
6g	If +securities issued under rule 7.1A, was issue price at least 75% of 15 day VWAP as calculated under rule 7.1A.3? Include the +issue date and both values. Include the source of the VWAP calculation.	Not applicable	
6h	If +securities were issued under rule 7.1A for non-cash consideration, state date on which valuation of consideration was released to ASX Market Announcements	Not applicable	
6i	Calculate the entity's remaining issue capacity under rule 7.1 and rule 7.1A – complete Annexure 1 and release to ASX Market Announcements	65,798,867 (Annexure 1 attached)	
7	<p>+Issue dates</p> <p><small>Note: The issue date may be prescribed by ASX (refer to the definition of issue date in rule 19.12). For example, the issue date for a pro rata entitlement issue must comply with the applicable timetable in Appendix 7A.</small></p> <p><small>Cross reference: item 33 of Appendix 3B.</small></p>	9 December 2016	
8	Number and +class of all +securities quoted on ASX (<i>including</i> the +securities in section 2 if applicable)	Number 440,841,479	+Class Ordinary shares/CUFS
9	Number and +class of all +securities not quoted on ASX (<i>including</i> the +securities in section 2 if applicable)	Number 50,692 341,419 2,747,582 No 2001 Plan RSUs have been cancelled. No 2006 Plan RSUs have been cancelled. No Stock Options have been cancelled.	+Class 2001 Plan Options 2001 Plan RSUs 2006 Plan RSUs
10	Dividend policy (in the case of a trust, distribution policy) on the increased capital (interests)	Ordinary shares/CUFS issued on vesting of RSUs rank for dividends equally with issued ordinary shares/CUFS.	

+ See chapter 19 for defined terms.

Part 2 - Pro rata issue

11	Is security holder approval required?	Not applicable
12	Is the issue renounceable or non-renounceable?	Not applicable
13	Ratio in which the +securities will be offered	Not applicable
14	+Class of +securities to which the offer relates	Not applicable
15	+Record date to determine entitlements	Not applicable
16	Will holdings on different registers (or subregisters) be aggregated for calculating entitlements?	Not applicable
17	Policy for deciding entitlements in relation to fractions	Not applicable
18	Names of countries in which the entity has security holders who will not be sent new offer documents <small>Note: Security holders must be told how their entitlements are to be dealt with. Cross reference: rule 7.7.</small>	Not applicable
19	Closing date for receipt of acceptances or renunciations	Not applicable
20	Names of any underwriters	Not applicable
21	Amount of any underwriting fee or commission	Not applicable
22	Names of any brokers to the issue	Not applicable
23	Fee or commission payable to the broker to the issue	Not applicable

+ See chapter 19 for defined terms.

24	Amount of any handling fee payable to brokers who lodge acceptances or renunciations on behalf of security holders	Not applicable
25	If the issue is contingent on security holders' approval, the date of the meeting	Not applicable
26	Date entitlement and acceptance form and offer documents will be sent to persons entitled	Not applicable
27	If the entity has issued options, and the terms entitle option holders to participate on exercise, the date on which notices will be sent to option holders	Not applicable
28	Date rights trading will begin (if applicable)	Not applicable
29	Date rights trading will end (if applicable)	Not applicable
30	How do security holders sell their entitlements <i>in full</i> through a broker?	Not applicable
31	How do security holders sell <i>part</i> of their entitlements through a broker and accept for the balance?	Not applicable
32	How do security holders dispose of their entitlements (except by sale through a broker)?	Not applicable
33	+Issue date	Not applicable

+ See chapter 19 for defined terms.

Part 3 - Quotation of securities

You need only complete this section if you are applying for quotation of securities

34 Type of +securities
(tick one)

(a) +Securities described in Part 1

(b) All other +securities

Example: restricted securities at the end of the escrowed period, partly paid securities that become fully paid, employee incentive share securities when restriction ends, securities issued on expiry or conversion of convertible securities

Entities that have ticked box 34(a)

Additional securities forming a new class of securities

Tick to indicate you are providing the information or documents

35 If the +securities are +equity securities, the names of the 20 largest holders of the additional +securities, and the number and percentage of additional +securities held by those holders

36 If the +securities are +equity securities, a distribution schedule of the additional +securities setting out the number of holders in the categories
1 - 1,000
1,001 - 5,000
5,001 - 10,000
10,001 - 100,000
100,001 and over

37 A copy of any trust deed for the additional +securities

Entities that have ticked box 34(b)

38 Number of +securities for which +quotation is sought

Not applicable

39 +Class of +securities for which quotation is sought

Not applicable

+ See chapter 19 for defined terms.

40	<p>Do the +securities rank equally in all respects from the +issue date with an existing +class of quoted +securities?</p> <p>If the additional +securities do not rank equally, please state:</p> <ul style="list-style-type: none"> • the date from which they do • the extent to which they participate for the next dividend, (in the case of a trust, distribution) or interest payment • the extent to which they do not rank equally, other than in relation to the next dividend, distribution or interest payment 	Not applicable				
41	<p>Reason for request for quotation now</p> <p><small>Example: In the case of restricted securities, end of restriction period</small></p> <p>(if issued upon conversion of another +security, clearly identify that other +security)</p>	Not applicable				
42	<p>Number and +class of all +securities quoted on ASX (including the +securities in clause 38)</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%; text-align: left; padding: 2px;">Number</th> <th style="width: 50%; text-align: left; padding: 2px;">+Class</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px; text-align: center;">Not applicable</td> <td style="padding: 5px; text-align: center;">Not applicable</td> </tr> </tbody> </table>	Number	+Class	Not applicable	Not applicable
Number	+Class					
Not applicable	Not applicable					

+ See chapter 19 for defined terms.

Quotation agreement

1 +Quotation of our additional +securities is in ASX's absolute discretion. ASX may quote the +securities on any conditions it decides.

2 We warrant the following to ASX.

- The issue of the +securities to be quoted complies with the law and is not for an illegal purpose.
- There is no reason why those +securities should not be granted +quotation.
- An offer of the +securities for sale within 12 months after their issue will not require disclosure under section 707(3) or section 1012C(6) of the Corporations Act.

Note: An entity may need to obtain appropriate warranties from subscribers for the securities in order to be able to give this warranty

- Section 724 or section 1016E of the Corporations Act does not apply to any applications received by us in relation to any +securities to be quoted and that no-one has any right to return any +securities to be quoted under sections 737, 738 or 1016F of the Corporations Act at the time that we request that the +securities be quoted.

- If we are a trust, we warrant that no person has the right to return the +securities to be quoted under section 1019B of the Corporations Act at the time that we request that the +securities be quoted.

3 We will indemnify ASX to the fullest extent permitted by law in respect of any claim, action or expense arising from or connected with any breach of the warranties in this agreement.

4 We give ASX the information and documents required by this form. If any information or document is not available now, we will give it to ASX before +quotation of the +securities begins. We acknowledge that ASX is relying on the information and documents. We warrant that they are (will be) true and complete.

Sign here: /s/Natasha Mercer ----- Date: 9 December 2016
 Company Secretary

Print name: Natasha Mercer -----

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+ See chapter 19 for defined terms.

Appendix 3B – Annexure 1

Calculation of placement capacity under rule 7.1 and rule 7.1A for eligible entities

Introduced 01/08/12 Amended 04/03/13

Part 1

Rule 7.1 – Issues exceeding 15% of capital

Step 1: Calculate “A”, the base figure from which the placement capacity is calculated

Insert number of fully paid +ordinary securities on issue 12 months before the +issue date or date of agreement to issue	445,453,481
Add the following: <ul style="list-style-type: none"> Number of fully paid +ordinary securities issued in that 12 month period under an exception in rule 7.2 Number of fully paid +ordinary securities issued in that 12 month period with shareholder approval Number of partly paid +ordinary securities that became fully paid in that 12 month period 	1,478,131 Not applicable Not applicable
Note: <ul style="list-style-type: none"> Include only ordinary securities here – other classes of equity securities cannot be added Include here (if applicable) the securities the subject of the Appendix 3B to which this form is annexed It may be useful to set out issues of securities on different dates as separate line items 	
Subtract the number of fully paid +ordinary securities cancelled during that 12 month period	(6,090,133)
“A”	440,841,479

+ See chapter 19 for defined terms.

Appendix 3B
New issue announcement

Step 2: Calculate 15% of "A"	
"B"	0.15 [Note: this value cannot be changed]
Multiply "A" by 0.15	66,126,221
Step 3: Calculate "C", the amount of placement capacity under rule 7.1 that has already been used	
Insert number of +equity securities issued or agreed to be issued in that 12 month period <i>not counting</i> those issued: <ul style="list-style-type: none"> • Under an exception in rule 7.2 • Under rule 7.1A • With security holder approval under rule 7.1 or rule 7.4 Note: <ul style="list-style-type: none"> • <i>This applies to equity securities, unless specifically excluded – not just ordinary securities</i> • <i>Include here (if applicable) the securities the subject of the Appendix 3B to which this form is annexed</i> • <i>It may be useful to set out issues of securities on different dates as separate line items</i> 	327,354
"C"	327,354
Step 4: Subtract "C" from ["A" x "B"] to calculate remaining placement capacity under rule 7.1	
"A" x 0.15 Note: number must be same as shown in Step 2	66,126,221
Subtract "C" Note: number must be same as shown in Step 3	(327,354)
Total ["A" x 0.15] – "C"	65,798,867 [Note: this is the remaining placement capacity under rule 7.1]

+ See chapter 19 for defined terms.

Part 2

Rule 7.1A – Additional placement capacity for eligible entities	
Step 1: Calculate “A”, the base figure from which the placement capacity is calculated	
“A” <i>Note: number must be same as shown in Step 1 of Part 1</i>	Not applicable
Step 2: Calculate 10% of “A”	
“D”	0.10 <i>Note: this value cannot be changed</i>
Multiply “A” by 0.10	Not applicable
Step 3: Calculate “E”, the amount of placement capacity under rule 7.1A that has already been used	
Insert number of +equity securities issued or agreed to be issued in that 12 month period under rule 7.1A Notes: <ul style="list-style-type: none"> • <i>This applies to equity securities – not just ordinary securities</i> • <i>Include here – if applicable – the securities the subject of the Appendix 3B to which this form is annexed</i> • <i>Do not include equity securities issued under rule 7.1 (they must be dealt with in Part 1), or for which specific security holder approval has been obtained</i> • <i>It may be useful to set out issues of securities on different dates as separate line items</i> 	Not applicable
“E”	Not applicable

+ See chapter 19 for defined terms.

Appendix 3B
New issue announcement

Step 4: Subtract "E" from ["A" x "D"] to calculate remaining placement capacity under rule 7.1A

<p>"A" x 0.10</p> <p><i>Note: number must be same as shown in Step 2</i></p>	<p>Not applicable</p>
<p>Subtract "E"</p> <p><i>Note: number must be same as shown in Step 3</i></p>	<p>Not applicable</p>
<p>Total ["A" x 0.10] – "E"</p>	<p>Not applicable</p> <p><i>Note: this is the remaining placement capacity under rule 7.1A</i></p>

+ See chapter 19 for defined terms.

Appendix 3Y

Change of Director's Interest Notice

Information or documents not available now must be given to ASX as soon as available. Information and documents given to ASX become ASX's property and may be made public.

Introduced 30/09/01 Amended 01/01/11

Name of entity	James Hardie Industries plc
ARBN	097 829 895

We (the entity) give ASX the following information under listing rule 3.19A.2 and as agent for the director for the purposes of section 205G of the Corporations Act.

Name of Director	Louis GRIES
Date of last notice	22 September 2016

Part 1 - Change of director's relevant interests in securities

In the case of a trust, this includes interests in the trust made available by the responsible entity of the trust

Note: In the case of a company, interests which come within paragraph (i) of the definition of "notifiable interest of a director" should be disclosed in this part.

Direct or indirect interest	Direct
Nature of indirect interest (including registered holder) Note: Provide details of the circumstances giving rise to the relevant interest.	Not applicable
Date of change	30 November 2016
No. of securities held prior to change	543,038 ordinary shares/CUFS registered in the name of the Director (of which 26,009 are in a holding lock until 17 March 2017, 32,678 are in a holding lock until 14 September 2017, 28,020 are in a holding lock until 16 September 2017, 33,358 are in a holding lock until 17 September 2017, 32,555 are in a holding lock until 16 September 2018, 16,659 are in holding lock until 19 September 2018 and 39,490 are in a holding lock until 20 September 2018).
Class	Ordinary shares/CUFS
Number acquired	Not applicable

+ See chapter 19 for defined terms.

Appendix 3Y
Change of Director's Interest Notice

Number disposed	139,000 ordinary shares/CUFS sold on 30 November 2016.
Value/Consideration Note: If consideration is non-cash, provide details and estimated valuation	A\$2,899,393.71
No. of securities held after change	Current relevant interest is: <ul style="list-style-type: none"> • 404,038 ordinary shares/CUFS registered in the name of the Director (of which 26,009 are in a holding lock until 17 March 2017, 32,678 are in a holding lock until 14 September 2017, 28,020 are in a holding lock until 16 September 2017, 33,358 are in a holding lock until 17 September 2017, 32,555 are in a holding lock until 16 September 2018, 16,659 are in holding lock until 19 September 2018 and 39,490 are in a holding lock until 20 September 2018).
Nature of change Example: on-market trade, off-market trade, exercise of options, issue of securities under dividend reinvestment plan, participation in buy-back	The on-market sale of ordinary shares/CUFS in compliance with James Hardie stock accumulation policy. Following the sale, the shareholding of the Director is currently more than 150% of his Board-approved shareholding target.

Part 2 – Change of director's interests in contracts

Note: In the case of a company, interests which come within paragraph (ii) of the definition of "notifiable interest of a director" should be disclosed in this part.

Detail of contract	Not applicable
Nature of interest	Restricted Stock Units (RSUs) are contractual entitlements to issued ordinary shares/CUFS upon satisfaction of certain conditions.
Name of registered holder (if issued securities)	Not applicable
Date of change	Not applicable

+ See chapter 19 for defined terms.

No. and class of securities to which interest related prior to change <small>Note: Details are only required for a contract in relation to which the interest has changed</small>	Current interests in contracts are: <ul style="list-style-type: none"> • 771,019 Relative TSR RSUs; and • 682,086 ROCE RSUs
Interest acquired	Not applicable
Interest disposed	Not applicable
Value/Consideration <small>Note: If consideration is non-cash, provide details and an estimated valuation</small>	Not applicable
Interest after change	No Change. Current interests in contracts remains: <ul style="list-style-type: none"> • 771,019 Relative TSR RSUs; and • 682,086 ROCE RSUs

Part 3 – +Closed period

Were the interests in the securities or contracts detailed above traded during a +closed period where prior written clearance was required?	No
If so, was prior written clearance provided to allow the trade to proceed during this period?	Not applicable
If prior written clearance was provided, on what date was this provided?	Not applicable

+ See chapter 19 for defined terms.



JamesHardie

James Hardie Industries plc
Europa House 2nd Floor,
Harcourt Centre
Harcourt Street, Dublin 2, Ireland

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F: +353 (0) 1 479 1128

6 December 2016

The Manager
Company Announcements Office
Australian Securities Exchange Limited
20 Bridge Street
SYDNEY NSW 2000

Dear Sir/Madam

Substantial Holding Notice

As required under ASX Listing Rule 3.17.3 please see attached a copy of the substantial holding notice received by James Hardie on 5 December 2016.

Yours faithfully

Natasha Mercer
Company Secretary

James Hardie Industries plc is a limited liability company incorporated in Ireland with its registered office at Europa House, Harcourt Centre, Harcourt Street, Dublin 2, Ireland.

Directors: Michael Hammes (Chairman, USA), Brian Anderson (USA), Russell Chenu (Australia), Andrea Gisle Joosen (Sweden), David Harrison (USA), Alison Littlely (United Kingdom), James Osborne, Rudy van der Meer (Netherlands).

Chief Executive Officer and Director: Louis Gries (USA)

Company number: 485719

ARBN: 097 829 895

STANDARD FORM TR-1
VOTING RIGHTS ATTACHED TO SHARES – ARTICLE 12(1) OF DIRECTIVE 2004/109/EC
FINANCIAL INSTRUMENTS – ARTICLE 11(3) OF THE COMMISSION DIRECTIVE 2007/14/EC

1. Identity of the issuer or the underlying issuer of existing shares to which voting rights are attachedⁱⁱ: James Hardie Industries PLC
2. Reason for the notification (please tick the appropriate box or boxes):
 - an acquisition or disposal of voting rights
 - an acquisition or disposal of financial instruments which may result in the acquisition of shares already issued to which voting rights are attached
 - an event changing the breakdown of voting rights
 - other
3. Full name of person(s) subject to the notification obligationⁱⁱⁱ: FMR LLC
4. Full name of shareholder(s) (if different from 3.)^v:
5. Date of the transaction and date on which the threshold is crossed or reached^v: 02 December 2016
6. Date on which issuer notified: 05 December 2016
7. Threshold(s) that is/are crossed or reached: 6%
8. Notified details:

A) Voting rights attached to shares							
Class/type of shares (if possible using the ISIN CODE)	Situation previous to the Triggering transaction ^{vi}		Resulting situation after the triggering transaction ^{vii}				
	Number of Shares ^{viii}	Number of Voting rights ^x	Number of shares ^x	Number of voting rights ^{xi}		% of voting rights	
			Indirect	Direct ^{xii}	Indirect ^{xiii}	Direct	Indirect
AU000000JHX1	26,352,508	26,352,508	26,500,184		26,500,184		6.01%
SUBTOTAL A (based on aggregate voting rights)	26,352,508	26,352,508	26,500,184		26,500,184		6.01%

B) Financial InstrumentsResulting situation after the triggering transaction^{xiv}

Type of financial instrument	Expiration Date ^{xv}	Exercise/Conversion Period/ Date ^{xvi}	Number of voting rights that may be acquired if the instrument is exercised/converted	% of voting rights
SUBTOTAL B (in relation to all expiration dates)				

Total (A+B)	number of voting rights	% of voting rights
	26,500,184	6.01%

9. Chain of controlled undertakings through which the voting rights and/or the financial instruments are effectively held, if applicable^{xvii}:

Controlled Undertaking	Percentage Holding
FIAM LLC	0.58
Fidelity Institutional Asset Management Trust Company	0.56
FMR CO., INC	4.29
FMR INVESTMENT MANAGEMENT (UK) LIMITED	0.58
Grand Total	6.01

10. In case of proxy voting

11. Additional information:

Notes to Form TR-1

- i This form is to be sent to the issuer or underlying issuer and to be filed with the competent authority.
- ii Either the full name of the legal entity or another method for identifying the issuer or underlying issuer, provided it is reliable and accurate.
- iii This should be the full name of (a) the shareholder; (b) the natural person or legal entity acquiring, disposing of or exercising voting rights in the cases provided for in Article 10 (b) to (h) of Directive 2004/109/EC; (c) all the parties to the agreement referred to in Article 10 (a) of that Directive, or (d) the holder of financial instruments entitled to acquire shares already issued to which voting rights are attached, as appropriate.

In relation to the transactions referred to in points (b) to (h) of Article 10 of that Directive, the following list is provided as indication of the persons who should be mentioned:

- in the circumstances foreseen in letter (b) of Article 10 of that Directive, the natural person or legal entity that acquires the voting rights and is entitled to exercise them under the agreement and the natural person or legal entity who is transferring temporarily for consideration the voting rights;
- in the circumstances foreseen in letter (c) of Article 10 of that Directive, the natural person or legal entity holding the collateral, provided the person or entity controls the voting rights and declares its intention of exercising them, and natural person or legal entity lodging the collateral under these conditions;
- in the circumstances foreseen in letter (d) of Article 10 of that Directive, the natural person or legal entity who has a life interest in shares if that person or entity is entitled to exercise the voting rights attached to the shares and the natural person or legal entity who is disposing of the voting rights when the life interest is created;
- in the circumstances foreseen in letter (e) of Article 10 of that Directive, the controlling natural person or legal entity and, provided it has a notification duty at an individual level under Article 9, under letters (a) to (d) of Article 10 of that Directive or under a combination of any of those situations, the controlled undertaking;
- in the circumstances foreseen in letter (f) of Article 10 of that Directive, the deposit taker of the shares, if he can exercise the voting rights attached to the shares deposited with him at his discretion, and the depositor of the shares allowing the deposit taker to exercise the voting rights at his discretion;
- in the circumstances foreseen in letter (g) of Article 10 of that Directive, the natural person or legal entity that controls the voting rights;
- in the circumstances foreseen in letter (h) of Article 10 of that Directive, the proxy holder, if he can exercise the voting rights at his discretion, and the shareholder who has given his proxy to the proxy holder allowing the latter to exercise the voting rights at his discretion.

iv Applicable in the cases provided for in Article 10 (b) to (h) of Directive 2004/109/EC. This should be the full name of the shareholder who is the counterparty to the natural person or legal entity referred to in Article 10 of that Directive unless the holdings of the shareholder would be lower than 5% of the total number of voting rights.

v The date of the transaction should normally be, in the case of an on exchange transaction, the date on which the matching of orders occurs; in the case of an off exchange transaction, date of the entering into an agreement.

The date on which threshold is crossed should normally be the date on which the acquisition, disposal or possibility to exercise voting rights takes effect. For passive crossings, the date when the corporate event took effect.

vi Please refer to the situation disclosed in the previous notification. In case the situation previous to the triggering transaction was below 3%, please state “below 3%”.

vii If the holding has fallen below the minimum threshold, the notifying party should not be obliged to disclose the extent of the holding, only that the new holding is below 3%.

For the case provided for in Article 10(a) of Directive 2004/109/EC, there should be no disclosure of individual holdings per party to the agreement unless a party individually crosses or reaches an Article 9 threshold. This applies upon entering into, introducing changes to or terminating an agreement.

viii To be used in Member States where applicable.

ix Direct and indirect.

x To be used in Member States where applicable.

xi In case of combined holdings of shares with voting rights attached “direct holding” and voting rights “indirect holding”, please split the voting rights number and percentage into the direct and indirect columns – if there is no combined holdings, please leave the relevant box blank.

xii Voting rights attached to shares held by the notifying party (Article 9 of Directive 2004/109/EC).

xiii Voting rights held by the notifying party independently of any holding of shares (Article 10 of Directive 2004/109/EC).

xiv If the holding has fallen below the minimum threshold, the notifying party should not be obliged to disclose the extent of the holding, only that the new holding is below 3%.

xv Date of maturity/expiration of the financial instrument i.e. the date when right to acquire shares ends.

xvi If the financial instrument has such a period – please specify this period – for example once every 3 months starting from [date].

xvii The notification should include the name(s) of the controlled undertakings through which the voting rights are held. The notification should also include the amount of voting rights and the percentage held by each controlled undertaking, insofar as individually the controlled undertaking holds 3% or more, and insofar as the notification by the parent undertaking is intended to cover the notification obligations of the controlled undertaking.



James Hardie Industries plc
Europa House 2nd Floor,
Harcourt Centre
Harcourt Street, Dublin 2, Ireland

T: +353 (0) 1 411 6924
F: +353 (0) 1 479 1128

7 December 2016

The Manager
Company Announcements Office
Australian Securities Exchange Limited
20 Bridge Street
SYDNEY NSW 2000

Dear Sir/Madam

Substantial Holding Notice

As required under ASX Listing Rule 3.17.3 please see attached a copy of the substantial holding notice received by James Hardie on 6 December 2016.

Yours faithfully

A handwritten signature in black ink that reads 'Natasha Mercer'.

Natasha Mercer
Company Secretary

James Hardie Industries plc is a limited liability company incorporated in Ireland with its registered office at Europa House, Harcourt Centre, Harcourt Street, Dublin 2, Ireland.

Directors: Michael Hammes (Chairman, USA), Brian Anderson (USA), Russell Chenu (Australia), Andrea Gisle Joosen (Sweden), David Harrison (USA), Alison Littlely (United Kingdom), James Osborne, Rudy van der Meer (Netherlands).

Chief Executive Officer and Director: Louis Gries (USA)

Company number: 485719

ARBN: 097 829 895



The Capital Group Companies, Inc.
333 South Hope Street
Los Angeles, California 90071-1406

5 December 2016

thecapitalgroup.com

BY EMAIL - ORIGINAL IN POST
(investor.relations@jameshardie.com.au)

James Hardie Industries plc
Level 3, 22 Pitt Street
Sydney, NSW, Australia, 2000

Re: Notification of Holdings under the Companies Act 2014 - James Hardie Industries plc (ISIN: AU000000JHX1)

Dear Company Secretary:

We hereby give you notice in compliance with the provisions of the Companies Act, 2014 (the Act) of the acquisition by The Capital Group Companies, Inc. ("CGC") of a notifiable interest in shares comprised in the relevant share capital of James Hardie Industries plc ("Company"), as required by the Act.

CGC is the parent company of Capital Research and Management Company ("CRMC"). CRMC is a U.S.-based investment management company that manages the American Funds family of mutual funds. CRMC manages equity assets for various investment companies through three divisions, Capital Research Global Investors, Capital International Investors and Capital World Investors. CRMC in turn is the parent company of Capital Group International, Inc. ("CGII"), which in turn is the parent company of five investment management companies ("CGII management companies"): Capital Guardian Trust Company, Capital International, Inc., Capital International Limited, Capital International Sàri and Capital International K.K. The CGII management companies primarily serve as investment managers to institutional clients.

Neither CGC nor any of its affiliates own shares of the Company for its own account. Rather, the shares reported are owned by accounts under the discretionary investment management of one or more of the investment management companies described above.

The obligation to make this notification arose on 2 December 2016.

The number of shares comprised in the relevant share capital of the Company in which CGC was interested immediately after the time when the obligation to make this notification arose was 18,792,563 CDIs, representing 4.27% of the relevant share capital of the Company.

The identity of each registered holder of shares in the Company in respect of which this notification relates and the number of those shares held by each such registered holder are set out below in the enclosed Schedule A and Schedule B.

For the purpose of this Notification, an outstanding share balance of 440,613,526 shares was used to calculate the percentage of holdings. We believe this figure is correct; however, if this number is not accurate, please contact us as soon as possible so we may make the necessary revisions.

Should you have questions or require additional information, please contact us at (213) 615-0469, or send a fax message to (213) 615-4056. Alternatively, you may contact us via e-mail at GRGroup@capgroup.com.

Regards,

A handwritten signature in blue ink, appearing to be 'CA'.

Christopher Aquino
Compliance Specialist

As of 2 December 2016

James Hardie Industries plc

	<u>Number of Shares</u>	<u>Percent of Outstanding</u>
<u>The Capital Group Companies, Inc. ("CG") holdings</u>	18,792,563	4.265%
Holdings by CG Management Companies and Funds:		
• Capital Research and Management Company	18,792,563	4.265%

Schedule A

Schedule of holdings in James Hardie Industries plc
The Capital Group Companies, Inc.
As of 2 December 2016

Capital Research and Management Company

Registered Name

Cede & Co.
55 Water Street
New York, NY 10006

Local Shares

18,792,563

TOTAL

18,792,563