

**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

1-15240  
(Commission File Number)

**JAMES HARDIE INDUSTRIES plc**  
**(F/K/A "JAMES HARDIE INDUSTRIES SE")**  
(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

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**EXHIBIT INDEX**

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99.1	Appendix 3B – 20 December
99.2	Dividend Amount
99.3	Appendix 3B – 13 December
99.4	Appendix 3B – 12 December
99.5	Appendix 3B – 11 December
99.6	Appendix 3B – 10 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: 24 December 2012

**James Hardie Industries plc**

By: /s/ Marcin Firek

Marcin Firek  
Company Secretary

**EXHIBIT INDEX**

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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

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
2 Number of +securities issued or to be issued (if known) or maximum number which may be issued	5,000 ordinary shares/CUFS
3 Principal terms of the +securities (eg, 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)	5,000 ordinary shares/CUFS issued on exercise of options

+ See chapter 19 for defined terms.

**Appendix 3B**  
**New issue announcement**

4 Do the +securities rank equally in all respects from the date of allotment with an existing +class of quoted +securities?  If the additional securities do not rank equally, please state: <ul style="list-style-type: none"><li>• the date from which they do</li><li>• the extent to which they participate for the next dividend, (in the case of a trust, distribution) or interest payment</li><li>• the extent to which they do not rank equally, other than in relation to the next dividend, distribution or interest payment</li></ul>	Yes, rank equally with issued ordinary shares/CUFS
5 Issue price or consideration	Allotment of ordinary shares/CUFS on exercise of options:  5,000 at \$8.90
6 Purpose of the issue (If issued as consideration for the acquisition of assets, clearly identify those assets)	Exercise of options
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	No
6b The date the security holder resolution under rule 7.1A was passed	Not applicable
6c Number of +securities issued without security holder approval under rule 7.1	Not applicable

+ See chapter 19 for defined terms.



6d	Number of +securities issued with security holder approval under rule 7.1A	Not applicable	
6e	Number of +securities issued with security holder approval under rule 7.3, or another specific security holder approval (specify date of meeting)	Not applicable	
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	Not applicable	
7	Dates of entering +securities into uncertificated holdings or despatch of certificates	20 December 2012	
8	Number and +class of all +securities quoted on ASX (including the securities in section 2 if applicable)	Number	+Class
		440,917,727	Ordinary shares/ CUFS

+ See chapter 19 for defined terms.

**Appendix 3B**  
**New issue announcement**

<p>9 Number and +class of all +securities not quoted on ASX (including the securities in section 2 if applicable)</p>	<table border="1"> <thead> <tr> <th>Number</th> <th>+Class</th> </tr> </thead> <tbody> <tr> <td>5,881,942</td> <td>Options</td> </tr> <tr> <td>4,080,776</td> <td>Restricted Stock Units</td> </tr> <tr> <td colspan="2">No Stock Options or Restricted Stock Units have been cancelled.</td> </tr> </tbody> </table>	Number	+Class	5,881,942	Options	4,080,776	Restricted Stock Units	No Stock Options or Restricted Stock Units have been cancelled.		
Number	+Class									
5,881,942	Options									
4,080,776	Restricted Stock Units									
No Stock Options or Restricted Stock Units have been cancelled.										
<p>10 Dividend policy (in the case of a trust, distribution policy) on the increased capital (interests)</p>	<p>Rank for dividends equally with issued ordinary shares/CUFS</p>									

**Part 2 - Bonus issue or pro rata issue**

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

+ See chapter 19 for defined terms.

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
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 prospectus or Product Disclosure Statement 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

+ See chapter 19 for defined terms.

**Appendix 3B**  
**New issue announcement**

32 How do +security holders dispose of their entitlements (except by sale through a broker)?

Not applicable

33 +Despatch date

Not applicable

## 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

+ See chapter 19 for defined terms.

**Entities that have ticked box 34(b)**

38	Number of securities for which +quotation is sought					
39	Class of +securities for which quotation is sought					
40	<p>Do the +securities rank equally in all respects from the date of allotment with an existing +class of quoted +securities? If the additional securities do not rank equally, please state:</p> <ul style="list-style-type: none"> <li>• the date from which they do</li> <li>• the extent to which they participate for the next dividend, (in the case of a trust, distribution) or interest payment</li> <li>• the extent to which they do not rank equally, other than in relation to the next dividend, distribution or interest payment</li> </ul>					
41	<p>Reason for request for quotation now</p> <p>Example: In the case of restricted securities, end of restriction period</p> <p>(if issued upon conversion of another security, clearly identify that other security)</p>					
42	<table border="1"> <thead> <tr> <th data-bbox="812 766 1185 808">Number</th> <th data-bbox="1185 766 1531 808">+Class</th> </tr> </thead> <tbody> <tr> <td data-bbox="812 808 1185 898"></td> <td data-bbox="1185 808 1531 898"></td> </tr> </tbody> </table>	Number	+Class			
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**James Hardie Industries plc**  
Europa House 2<sup>nd</sup> Floor, Harcourt Centre  
Harcourt Street, Dublin 2, Ireland

T: +353 (0) 1 411 6924  
F: +353 (0) 1 497 1128

19 December 2012

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

Dear Sir

### **James Hardie Dividend Amount**

The Company's first half financial year 2013 interim dividend of 5 US cents per CUFS announced on 15 November 2012 converts to 4.7465 Australian cents.

The dividend is payable in Australian currency on 25 January 2013 to securityholders registered at the 18 December 2012 record date.

The net amount of the dividend will be converted and paid:

- in US dollars to American Depositary Receipt holders and securityholders who have elected to receive payment in US currency;
- in New Zealand dollars to securityholders who have elected to receive payment in NZ currency; and
- in pounds sterling to securityholders who have elected to receive payment in UK currency.

Yours faithfully

/s/ Marcin Firek

Marcin Firek  
**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), Brian Anderson (USA), David Dilger, David Harrison (USA), Alison Littley (UK), James Osborne, Donald McGauchie (Australia), Rudy van der Meer (Netherlands).  
**Chief Executive Officer:** Louis Gries  
**Company number:** 485719

# 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

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
2 Number of +securities issued or to be issued (if known) or maximum number which may be issued	255,456 ordinary shares/CUFS
3 Principal terms of the +securities (eg, 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)	255,456 ordinary shares/CUFS issued on exercise of options

+ See chapter 19 for defined terms.



**Appendix 3B**  
**New issue announcement**

4 Do the +securities rank equally in all respects from the date of allotment with an existing +class of quoted +securities?

If the additional securities do not rank equally, please state:

- 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

Yes, rank equally with issued ordinary shares/CUFS

5 Issue price or consideration

Allotment of ordinary shares/CUFS on exercise of options:

153,956 at \$6.38  
14,000 at \$7.05  
87,500 at \$8.40

6 Purpose of the issue  
(If issued as consideration for the acquisition of assets, clearly identify those assets)

Exercise of options

6a Is the entity an +eligible entity that has obtained security holder approval under rule 7.1A?

No

If Yes, complete sections 6b – 6h in relation to the +securities the subject of this Appendix 3B, and comply with section 6i

6b The date the security holder resolution under rule 7.1A was passed

Not applicable

+ See chapter 19 for defined terms.

6c	Number of +securities issued without security holder approval under rule 7.1	Not applicable	
6d	Number of +securities issued with security holder approval under rule 7.1A	Not applicable	
6e	Number of +securities issued with security holder approval under rule 7.3, or another specific security holder approval (specify date of meeting)	Not applicable	
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	Not applicable	
7	Dates of entering +securities into uncertificated holdings or despatch of certificates	13 December 2012	
8	Number and +class of all +securities quoted on ASX ( <i>including</i> the securities in section 2 if applicable)	Number	+Class
		440,912,727	Ordinary shares/CUFS

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**Appendix 3B**  
**New issue announcement**

<p>9 Number and +class of all +securities not quoted on ASX (including the securities in section 2 if applicable)</p>	<table border="1"> <thead> <tr> <th data-bbox="803 151 1177 178">Number</th> <th data-bbox="1177 151 1549 178">+Class</th> </tr> </thead> <tbody> <tr> <td data-bbox="803 178 1177 210">5,886,942</td> <td data-bbox="1177 178 1549 210">Options</td> </tr> <tr> <td data-bbox="803 210 1177 241">4,080,776</td> <td data-bbox="1177 210 1549 241">Restricted Stock Units</td> </tr> <tr> <td colspan="2" data-bbox="803 241 1177 325">No Stock Options or Restricted Stock Units have been cancelled.</td> </tr> </tbody> </table>	Number	+Class	5,886,942	Options	4,080,776	Restricted Stock Units	No Stock Options or Restricted Stock Units have been cancelled.		
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<p>10 Dividend policy (in the case of a trust, distribution policy) on the increased capital (interests)</p>	<p>Rank for dividends equally with issued ordinary shares/CUFS</p>									

**Part 2 - Bonus issue or pro rata issue**

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

+ See chapter 19 for defined terms.

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
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 prospectus or Product Disclosure Statement 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

+ See chapter 19 for defined terms.

**Appendix 3B**  
**New issue announcement**

- 32 How do +security holders dispose of their entitlements (except by sale through a broker)?
- 33 +Despatch date

## 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

+ See chapter 19 for defined terms.

**Entities that have ticked box 34(b)**

38 Number of securities for which +quotation is sought

--

39 Class of +securities for which quotation is sought

--

40 Do the +securities rank equally in all respects from the date of allotment with an existing +class of quoted +securities?

If the additional securities do not rank equally, please state:

- 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

--

41 Reason for request for quotation now

Example: In the case of restricted securities, end of restriction period

(if issued upon conversion of another security, clearly identify that other security)

--

42 Number and +class of all +securities quoted on ASX (*including* the securities in clause 38)

Number	+Class

+ 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 not available now, 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/ Marcin Firek.....  
Company Secretary

Date: 13 December 2012

Print name: Marcin Firek

== == == == ==

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# Appendix 3B

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

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ABN

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We (the entity) give ASX the following information.

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1 +Class of +securities issued or to be issued	Ordinary shares/CUFS
2 Number of +securities issued or to be issued (if known) or maximum number which may be issued	28,244 ordinary shares/CUFS
3 Principal terms of the +securities (eg, 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)	28,244 ordinary shares/CUFS issued on exercise of options

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**Appendix 3B**  
**New issue announcement**

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5 Issue price or consideration	Allotment of ordinary shares/CUFS on exercise of options:  18,044 at \$6.38 2,200 at \$8.40 8,000 at \$8.90
6 Purpose of the issue (If issued as consideration for the acquisition of assets, clearly identify those assets)	Exercise of options
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	No
6b The date the security holder resolution under rule 7.1A was passed	Not applicable

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6c	Number of +securities issued without security holder approval under rule 7.1	Not applicable	
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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	
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<p>10 Dividend policy (in the case of a trust, distribution policy) on the increased capital (interests)</p>	<p>Rank for dividends equally with issued ordinary shares/CUFS</p>							

**Part 2 - Bonus issue or pro rata issue**

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

+ See chapter 19 for defined terms.

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
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 prospectus or Product Disclosure Statement 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

+ See chapter 19 for defined terms.

**Appendix 3B**  
**New issue announcement**

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- 32 How do +security holders dispose of their entitlements (except by sale through a broker)?
- 33 +Despatch date

## 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

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+ See chapter 19 for defined terms.

**Entities that have ticked box 34(b)**

38	Number of securities for which +quotation is sought					
39	Class of +securities for which quotation is sought					
40	<p>Do the +securities rank equally in all respects from the date of allotment 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"> <li>• the date from which they do</li> <li>• the extent to which they participate for the next dividend, (in the case of a trust, distribution) or interest payment</li> <li>• the extent to which they do not rank equally, other than in relation to the next dividend, distribution or interest payment</li> </ul>					
41	<p>Reason for request for quotation now</p> <p>Example: In the case of restricted securities, end of restriction period</p> <p>(if issued upon conversion of another security, clearly identify that other security)</p>					
42	<table border="1"> <thead> <tr> <th data-bbox="812 724 1185 766">Number</th> <th data-bbox="1185 724 1534 766">+Class</th> </tr> </thead> <tbody> <tr> <td data-bbox="812 766 1185 861"></td> <td data-bbox="1185 766 1534 861"></td> </tr> </tbody> </table>	Number	+Class			
Number	+Class					

+ See chapter 19 for defined terms.



# 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

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
2 Number of +securities issued or to be issued (if known) or maximum number which may be issued	56,089 ordinary shares/CUFS
3 Principal terms of the +securities (eg, 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)	56,089 ordinary shares/CUFS issued on exercise of options

+ See chapter 19 for defined terms.



**Appendix 3B**  
**New issue announcement**

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4 Do the +securities rank equally in all respects from the date of allotment with an existing +class of quoted +securities?  If the additional securities do not rank equally, please state: <ul style="list-style-type: none"><li>• the date from which they do</li><li>• the extent to which they participate for the next dividend, (in the case of a trust, distribution) or interest payment</li><li>• the extent to which they do not rank equally, other than in relation to the next dividend, distribution or interest payment</li></ul>	Yes, rank equally with issued ordinary shares/CUFS
5 Issue price or consideration	Allotment of ordinary shares/CUFS on exercise of options: 8,000 at \$5.99 36,089 at \$6.38 12,000 at \$7.05
6 Purpose of the issue (If issued as consideration for the acquisition of assets, clearly identify those assets)	Exercise of options
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	No
6b The date the security holder resolution under rule 7.1A was passed	Not applicable
6c Number of +securities issued without security holder approval under rule 7.1	Not applicable

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+ See chapter 19 for defined terms.

6d	Number of +securities issued with security holder approval under rule 7.1A	Not applicable	
6e	Number of +securities issued with security holder approval under rule 7.3, or another specific security holder approval (specify date of meeting)	Not applicable	
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	Not applicable	
7	Dates of entering +securities into uncertificated holdings or despatch of certificates	11 December 2012	
8	Number and +class of all +securities quoted on ASX ( <i>including</i> the securities in section 2 if applicable)	Number	+Class
		440,629,027	Ordinary shares/ CUFS

+ See chapter 19 for defined terms.

**Appendix 3B**  
**New issue announcement**

9	Number and +class of all +securities not quoted on ASX ( <i>including</i> the securities in section 2 if applicable)	Number	+Class
		6,170,642 4,080,776  No Stock Options or Restricted Stock Units have been cancelled.	Options Restricted Stock Units
10	Dividend policy (in the case of a trust, distribution policy) on the increased capital (interests)	Rank for dividends equally with issued ordinary shares/CUFS	

**Part 2 - Bonus issue or 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 issue documents  Note: Security holders must be told how their entitlements are to be dealt with. Cross reference: rule 7.7.	Not applicable
19	Closing date for receipt of acceptances or renunciations	Not applicable

+ See chapter 19 for defined terms.

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
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 prospectus or Product Disclosure Statement 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

+ See chapter 19 for defined terms.

**Appendix 3B**  
**New issue announcement**

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32 How do +security holders dispose of their entitlements (except by sale through a broker)?

Not applicable

33 +Despatch date

Not applicable

## 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

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+ See chapter 19 for defined terms.

**Entities that have ticked box 34(b)**

38	Number of securities for which +quotation is sought					
39	Class of +securities for which quotation is sought					
40	<p>Do the +securities rank equally in all respects from the date of allotment 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"> <li>• the date from which they do</li> <li>• the extent to which they participate for the next dividend, (in the case of a trust, distribution) or interest payment</li> <li>• the extent to which they do not rank equally, other than in relation to the next dividend, distribution or interest payment</li> </ul>					
41	<p>Reason for request for quotation now</p> <p>Example: In the case of restricted securities, end of restriction period</p> <p>(if issued upon conversion of another security, clearly identify that other security)</p>					
42	Number and +class of all +securities quoted on ASX (including the securities in clause 38)	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Number</th> <th style="width: 30%;">+Class</th> </tr> </thead> <tbody> <tr> <td style="height: 20px;"></td> <td></td> </tr> </tbody> </table>	Number	+Class		
Number	+Class					

+ 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 not available now, 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/ Marcin Firek.....  
                          Company Secretary

Date: 11 December 2012

Print name:         Marcin Firek

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+ See chapter 19 for defined terms.

# 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

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

Issue of two separate classes of securities:

- Ordinary shares/CUFS; and
- Restricted Stock Units, being contractual entitlements granted to employees under the 2001 Equity Incentive Plan to be issued ordinary shares/CUFS upon satisfaction of certain conditions.

2 Number of +securities issued or to be issued (if known) or maximum number which may be issued

- 137,075 Ordinary shares/CUFS; and
- 265,988 Restricted Stock Units, issued on 7 December 2012 (US time).



3 Principal terms of the +securities (eg, 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)

- 137,075 Ordinary shares/CUFS issued on exercise of options; and
- 265,988 Restricted Stock Units which will vest as follows

<u>Quantity</u>	<u>Vest Date</u>
66,497	7 Dec 2013
66,497	7 Dec 2014
132,994	7 Dec 2015

Upon vesting, the holder of a Restricted Stock Unit will be entitled to be issued one ordinary share/CUFS for each Restricted Stock Unit held.

4 Do the +securities rank equally in all respects from the date of allotment with an existing +class of quoted +securities?

If the additional securities do not rank equally, please state:

- 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

- Ordinary shares/CUFS issued: Yes, rank equally with issued ordinary shares/CUFS; and

- Restricted Stock Units: Not applicable.

5 Issue price or consideration

- Allotment of ordinary shares/CUFS on exercise of options:

- 4,000 at \$5.99;
- 10,000 at \$7.05;
- 21,075 at \$8.40;
- 102,000 at \$8.90; and

- No cash consideration was paid for the Restricted Stock Units.

+ See chapter 19 for defined terms.

6	Purpose of the issue (If issued as consideration for the acquisition of assets, clearly identify those assets)	<ul style="list-style-type: none"> <li>• Exercise of options; and</li> <li>• 265,988 Restricted Stock Units granted as awards under the 2001 Equity Incentive Plan and intended to promote the Company's long term financial interests by encouraging management to acquire an ownership position in the Company, aligning their interests with those of the Company's security holders.</li> </ul>
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	No
6b	The date the security holder resolution under rule 7.1A was passed	Not applicable
6c	Number of +securities issued without security holder approval under rule 7.1	Not applicable
6d	Number of +securities issued with security holder approval under rule 7.1A	Not applicable
6e	Number of +securities issued with security holder approval under rule 7.3, or another specific security holder approval (specify date of meeting)	Not applicable
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	Not applicable	
7	Dates of entering +securities into uncertificated holdings or despatch of certificates	10 December 2012	
8	Number and +class of all +securities quoted on ASX ( <i>including</i> the securities in section 2 if applicable)	Number 440,572,938	+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 6,226,731 4,080,776  No Stock Options or Restricted Stock Units have been cancelled.	+Class Options Restricted Stock Units
10	Dividend policy (in the case of a trust, distribution policy) on the increased capital (interests)	<ul style="list-style-type: none"> <li>• Exercise of options: Rank for dividends equally with issued ordinary shares/CUFS</li> <li>• Restricted Stock Units: Do not rank for dividends</li> </ul>	

## Part 2 - Bonus issue or 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

+ See chapter 19 for defined terms.

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 issue documents  Note: Security holders must be told how their entitlements are to be dealt with.  Cross reference: rule 7.7.	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
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 prospectus or Product Disclosure Statement 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 in full through a broker?
- 31 How do +security holders sell *part* of their entitlements through a broker and accept for the balance?
- 32 How do +security holders dispose of their entitlements (except by sale through a broker)?
- 33 +Despatch date

Not applicable
Not applicable
Not applicable
Not applicable

### 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

+ See chapter 19 for defined terms.

**Entities that have ticked box 34(b)**

38	Number of securities for which +quotation is sought					
39	Class of +securities for which quotation is sought					
40	Do the +securities rank equally in all respects from the date of allotment with an existing +class of quoted +securities?  If the additional securities do not rank equally, please state: <ul style="list-style-type: none"><li>• the date from which they do</li><li>• the extent to which they participate for the next dividend, (in the case of a trust, distribution) or interest payment</li><li>• the extent to which they do not rank equally, other than in relation to the next dividend, distribution or interest payment</li></ul>					
41	Reason for request for quotation now  Example: In the case of restricted securities, end of restriction period  (if issued upon conversion of another security, clearly identify that other security)					
42	Number and +class of all +securities quoted on ASX ( <i>including</i> the securities in clause 38)	<table border="1"><thead><tr><th data-bbox="803 636 1177 661">Number</th><th data-bbox="1177 636 1550 661">+Class</th></tr></thead><tbody><tr><td data-bbox="803 661 1177 714"></td><td data-bbox="1177 661 1550 714"></td></tr></tbody></table>	Number	+Class		
Number	+Class					

