

**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 August 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

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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 you that the foregoing list of factors is not exhaustive and that other risks and uncertainties may cause actual results to differ

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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 3Z D McGauchie 15 August 2016
99.2	Appendix 3E – 16.8.16
99.3	Appendix 3E – 17.8.16
99.4	Appendix 3E – 18.8.16
99.5	Appendix 3E – 19.8.16

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: 22 August 2016

James Hardie Industries plc

By: /s/ Natasha Mercer

Natasha Mercer
Company Secretary

EXHIBIT INDEX

<u>Exhibit No.</u>	<u>Description</u>
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Appendix 3Z

Final 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 30/9/2001.

Name of entity	James Hardie Industries plc
ABN	097 829 895

We (the entity) give ASX the following information under listing rule 3.19A.3 and as agent for the director for the purposes of section 205G of the Corporations Act.

Name of director	Donald MCGAUCHIE
Date of last notice	15 March 2016
Date that director ceased to be director	11 August 2016

Part 1 – Director's relevant interests in securities of which the director is the registered holder

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.

Number & class of securities
8,372 ordinary shares/CUFS registered in the name of the Donald McGauchie.

+ See chapter 19 for defined terms.

Appendix 3Z
Final Director's Interest Notice

Part 2 – Director's relevant interests in securities of which the director is not the registered holder

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.

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

Name of holder & nature of interest <small>Note: Provide details of the circumstances giving rise to the relevant interest</small>	Number & class of securities Not applicable
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Part 3 – Director's interests in contracts

Detail of contract	Not applicable
Nature of interest	Nil
Name of registered holder (if issued securities)	Not applicable
No. and class of securities to which interest relates	Nil

+ See chapter 19 for defined terms.

Appendix 3E

Daily share buy-back notice (except minimum holding buy-back and selective buy-back)

Information and documents given to ASX become ASX's property and may be made public.

Name of entity

James Hardie Industries plc

ABN/ARSN

097 829 895

We (the entity) give ASX the following information.

Information about buy-back

1 Type of buy-back

On-market buy-back

2 Date Appendix 3C was given to ASX

1 August 2016

Total of all shares/units bought back, or in relation to which acceptances have been received, before, and on, previous day

	Before previous day	Previous day
3 Number of shares/units bought back or if buy-back is an equal access scheme, in relation to which acceptances have been received	0	312,733
4 Total consideration paid or payable for the shares/units	\$0	\$6,905,895

Appendix 3E
Daily share buy-back notice

	Before previous day	Previous day
5 If buy-back is an on-market buy-back	Highest price paid: N/A Lowest price paid: N/A	Highest price paid: A\$22.10 Lowest price paid: A\$21.95 Highest price allowed under rule 7.33: A\$22.1145

How many shares/units may still be bought back?

6 If the company/trust has disclosed an intention to buy back a maximum number of shares/units – the remaining number of shares/units to be bought back	5,777,400 ordinary shares/CUFS The company intends to buy ordinary shares/CUF with an aggregate value of up to US\$100 million. The remaining shares to be bought back is based on the maximum number of 6,090,133 ordinary shares/CUFS calculated in the Appendix 3C released on the 1st August 2016. The final maximum number of shares/CUFS will depend upon market price and exchange rate movements over the buyback period.
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Compliance statement

1. The company is in compliance with all Corporations Act requirements relevant to this buy-back.
2. There is no information that the listing rules require to be disclosed that has not already been disclosed, or is not contained in, or attached to, this form.

Sign here: /s/ Natasha Mercer
(Company Secretary)

Date: 16 August 2016

Print name: Natasha Mercer
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Appendix 3E

Daily share buy-back notice (except minimum holding buy-back and selective buy-back)

Information and documents given to ASX become ASX's property and may be made public.

Name of entity

James Hardie Industries plc

ABN/ARSN

097 829 895

We (the entity) give ASX the following information.

Information about buy-back

1 Type of buy-back

On-market buy-back

2 Date Appendix 3C was given to ASX

1 August 2016

Total of all shares/units bought back, or in relation to which acceptances have been received, before, and on, previous day

	Before previous day	Previous day
3 Number of shares/units bought back or if buy-back is an equal access scheme, in relation to which acceptances have been received	312,733	204,220
4 Total consideration paid or payable for the shares/units	\$6,905,895	\$4,514,263

Appendix 3E
Daily share buy-back notice

	Before previous day	Previous day
5 If buy-back is an on-market buy-back	Highest price paid: A\$22.10 Lowest price paid: A\$21.95	Highest price paid: A\$22.23 Lowest price paid: A\$21.90 Highest price allowed under rule 7.33: A\$22.4826

How many shares/units may still be bought back?

6 If the company/trust has disclosed an intention to buy back a maximum number of shares/units – the remaining number of shares/units to be bought back	5,573,180 ordinary shares/CUFS The company intends to buy ordinary shares/CUF with an aggregate value of up to US\$100 million. The remaining shares to be bought back is based on the maximum number of 6,090,133 ordinary shares/CUFS calculated in the Appendix 3C released on the 1st August 2016. The final maximum number of shares/CUFS will depend upon market price and exchange rate movements over the buyback period.
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Compliance statement

1. The company is in compliance with all Corporations Act requirements relevant to this buy-back.
2. There is no information that the listing rules require to be disclosed that has not already been disclosed, or is not contained in, or attached to, this form.

Sign here: /s/ Natasha Mercer
(Company Secretary)

Date: 17 August 2016

Print name: Natasha Mercer
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Appendix 3E

Daily share buy-back notice (except minimum holding buy-back and selective buy-back)

Information and documents given to ASX become ASX's property and may be made public.

Name of entity

James Hardie Industries plc

ABN/ARSN

097 829 895

We (the entity) give ASX the following information.

Information about buy-back

1 Type of buy-back

On-market buy-back

2 Date Appendix 3C was given to ASX

1 August 2016

Total of all shares/units bought back, or in relation to which acceptances have been received, before, and on, previous day

	Before previous day	Previous day
3 Number of shares/units bought back or if buy-back is an equal access scheme, in relation to which acceptances have been received	516,953	148,713
4 Total consideration paid or payable for the shares/units	\$11,420,158	\$3,335,796

Appendix 3E
Daily share buy-back notice

	Before previous day	Previous day
5 If buy-back is an on-market buy-back	Highest price paid: A\$22.23 Lowest price paid: A\$21.90	Highest price paid: A\$22.59 Lowest price paid: A\$22.19 Highest price allowed under rule 7.33: A\$22.6529

How many shares/units may still be bought back?

6 If the company/trust has disclosed an intention to buy back a maximum number of shares/units – the remaining number of shares/units to be bought back	5,424,467 ordinary shares/CUFS The company intends to buy ordinary shares/CUF with an aggregate value of up to US\$100 million. The remaining shares to be bought back is based on the maximum number of 6,090,133 ordinary shares/CUFS calculated in the Appendix 3C released on the 1st August 2016. The final maximum number of shares/CUFS will depend upon market price and exchange rate movements over the buyback period.
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Compliance statement

1. The company is in compliance with all Corporations Act requirements relevant to this buy-back.
2. There is no information that the listing rules require to be disclosed that has not already been disclosed, or is not contained in, or attached to, this form.

Sign here: /s/ Natasha Mercer
(Company Secretary)

Date: 18 August 2016

Print name: Natasha Mercer
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Appendix 3E

Daily share buy-back notice (except minimum holding buy-back and selective buy-back)

Information and documents given to ASX become ASX's property and may be made public.

Name of entity

James Hardie Industries plc

ABN/ARSN

097 829 895

We (the entity) give ASX the following information.

Information about buy-back

1 Type of buy-back

On-market buy-back

2 Date Appendix 3C was given to ASX

1 August 2016

Total of all shares/units bought back, or in relation to which acceptances have been received, before, and on, previous day

	Before previous day	Previous day
3 Number of shares/units bought back or if buy-back is an equal access scheme, in relation to which acceptances have been received	665,666	169,764
4 Total consideration paid or payable for the shares/units	\$14,755,954	\$3,764,720

Appendix 3E
Daily share buy-back notice

	Before previous day	Previous day
5 If buy-back is an on-market buy-back	Highest price paid: A\$22.59 Lowest price paid: A\$21.90	Highest price paid: A\$22.50 Lowest price paid: A\$22.01 Highest price allowed under rule 7.33: A\$22.8726

How many shares/units may still be bought back?

6 If the company/trust has disclosed an intention to buy back a maximum number of shares/units – the remaining number of shares/units to be bought back	5,254,703 ordinary shares/CUFS The company intends to buy ordinary shares/CUF with an aggregate value of up to US\$100 million. The remaining shares to be bought back is based on the maximum number of 6,090,133 ordinary shares/CUFS calculated in the Appendix 3C released on the 1st August 2016. The final maximum number of shares/CUFS will depend upon market price and exchange rate movements over the buyback period.
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Compliance statement

1. The company is in compliance with all Corporations Act requirements relevant to this buy-back.
2. There is no information that the listing rules require to be disclosed that has not already been disclosed, or is not contained in, or attached to, this form.

Sign here: /s/ Natasha Mercer
(Company Secretary)

Date: 19 August 2016

Print name: Natasha Mercer
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