
**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 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](#)

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

[Table of Contents](#)

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.

[Table of Contents](#)

EXHIBIT INDEX

<u>Exhibit No.</u>	<u>Description</u>
99.1	Appendix 3C – Announcement of Buy-Back

[Table of Contents](#)

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: 2 August 2016

James Hardie Industries plc

By: /s/ Natasha Mercer

Natasha Mercer

Company Secretary

[Table of Contents](#)

EXHIBIT INDEX

<u>Exhibit No.</u>	<u>Description</u>
99.1	Appendix 3C – Announcement of Buy-Back

Appendix 3C

Announcement of buy-back (except minimum holding buy-back)

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

Introduced 1/9/99. Origin: Appendix 7B. Amended 13/3/2000, 30/9/2001, 11/01/10

Name of entity	ABN/ARSN
James Hardie Industries plc	097 829 895

We (the entity) give ASX the following information.

Information about buy-back

1	Type of buy-back	On-Market
2	+ Class of shares/units which is the subject of the buy-back (eg, ordinary/preference)	Ordinary shares/CUFS
3	Voting rights (eg, one for one)	One for one
4	Fully paid/partly paid (and if partly paid, details of how much has been paid and how much is outstanding)	Fully paid
5	Number of shares/units in the +class on issue	445,602,441
6	Whether shareholder/unitholder approval is required for buy-back	Not required
7	Reason for buy-back	Ongoing capital management programme as announced to the ASX on 19 May 2016

+ See chapter 19 for defined terms.

8 Any other information material to a shareholder's/unitholder's decision whether to accept the offer (eg, details of any proposed takeover bid)

Not applicable

On-market buy-back

9 Name of broker who will act on the company's behalf

Goldman Sachs Australia Pty Limited

10 Deleted 30/9/2001.

11 If the company/trust intends to buy back a maximum number of shares - that number

Note: This requires a figure to be included, not a percentage.

Ordinary shares/CUFs having an aggregate value of up to US\$100 million.

Based on a closing market price on ASX of A\$21.80 on 29 July 2016 (being the business day immediately prior to the date of this notice) and an A\$/US\$ exchange rate of 0.7534 (being the applicable spot rate on the same date) this would equate to a maximum of 6,090,133 ordinary shares/CUFS. However the final maximum number of shares/CUFS will depend upon market price and exchange rate movements over the buyback period.

12 If the company/trust intends to buy back shares/units within a period of time - that period of time; if the company/trust intends that the buy-back be of unlimited duration - that intention

Over the period from the date of this notice up to and including 31 May 2017. Unless an Appendix 3F is given to ASX notifying that the buyback is at an end, the on-market buyback will remain open throughout that period even if no purchases have been made for a period of months.

13 If the company/trust intends to buy back shares/units if conditions are met - those conditions

Not applicable

Employee share scheme buy-back

14 Number of shares proposed to be bought back

15 Price to be offered for shares

Selective buy-back

16 Name of person or description of class of person whose shares are proposed to be bought back

17 Number of shares proposed to be bought back

18 Price to be offered for shares

Equal access scheme

19 Percentage of shares proposed to be bought back

20 Total number of shares proposed to be bought back if all offers are accepted

21 Price to be offered for shares

22 + Record date for participation in offer

Cross reference: Appendix 7A, clause 9.

Compliance statement

1. The company is in compliance with all Corporations Act requirements relevant to this buy-back.

or, for trusts only:

1. The trust is in compliance with all requirements of the Corporations Act as modified by Class Order 07/422, and of the trust's constitution, 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.

+ See chapter 19 for defined terms.

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

Date: 1 August 2016

Print name: Natasha Mercer