

**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 September 2023

1-15240
(Commission File Number)

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

First Floor, Block A
One Park Place
Upper Hatch Street, Dublin 2, D02, FD79, 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;
- statements regarding the possible consequences and/or potential outcome of legal proceedings brought against us and the potential liabilities, if any, associated with such proceedings;
- expectations about the timing and amount of contributions to 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 or housing market conditions in the regions in which we operate, including but not limited to, 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 16 May 2023, 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 funding and the effect of currency exchange rate movements on the amount recorded in the Company's financial statements as an asbestos liability; 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; 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; dependence on residential and commercial construction markets; the effect of adverse changes in climate or weather patterns; 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 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

Exhibit No.	Description
99.1	Update - Notification of buy-back - JHX
99.2	Update - Notification of buy-back - JHX
99.3	Notification of cessation of securities - JHX

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: 15 September 2023

James Hardie Industries plc

By: /s/ Aoife Rockett

Aoife Rockett
Company Secretary

EXHIBIT INDEX

Exhibit No.	Description
99.1	Update - Notification of buy-back - JHX
99.2	Update - Notification of buy-back - JHX
99.3	Notification of cessation of securities - JHX



Announcement Summary

Name of entity

JAMES HARDIE INDUSTRIES PLC

Announcement type

Update announcement

Type of update

Daily buy-back notification

Date of this announcement

6/9/2023

Reason for update

Daily buy-back notification

ASX Security code and description of the class of +securities the subject of the buy-back

JHX : CHESS DEPOSITARY INTERESTS 1:1

The type of buy-back is:

On market buy-back

Total number of +securities bought back before previous day

8,151,756

Total number of +securities bought back on previous day

79,000

Refer to next page for full details of the announcement



Part 1 - Entity and announcement details

1.1 Name of entity

JAMES HARDIE INDUSTRIES PLC

We (the entity named above) provide the following information about our buy-back.

1.2 Registration number type

ARBN

Registration number

097829895

1.3 ASX issuer code

JHX

1.4 The announcement is

Update/amendment to previous announcement

1.4a Type of update

Daily buy-back notification

1.4b Reason for update

Daily buy-back notification

1.4c Date of initial notification of buy-back

12/12/2022

1.4d Date of previous announcement to this update

5/9/2023

1.5 Date of this announcement

6/9/2023

1.6 ASX Security code and description of the class of +securities the subject of the buy-back

JHX : CHESS DEPOSITARY INTERESTS 1:1



Notification of buy-back

Part 2 - Type of buy-back

2.1 The type of buy-back is:

On market buy-back



Part 3 - Buy-back details

Part 3A - Details of +securities, price and reason

3A.1 Total number of +securities on issue in the class of +securities to be bought back

445,855,985

3A.4 Does the entity intend to buy back a minimum number of +securities

No

3A.5 Does the entity intend to buy back a maximum number of securities

Yes

3A.5a Maximum number of securities proposed to be bought back

10,060,000

3A.6 Name of broker or brokers who will offer to buy back +securities on the entity's behalf

Broker name:

Barrenjoey Markets Pty Limited

3A.9 Are the +securities being bought back for a cash consideration?

Yes

3A.9a Is the price to be paid for +securities bought back known?

No

3A.9a.1 In what currency will the buy-back consideration be paid?

AUD - Australian Dollar

Part 3B - Buy-back restrictions and conditions

3B.1 Does the buy-back require security holder approval?
↵

Notification of buy-back

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Notification of buy-back

No

Part 3C - Key dates

On-market buy-back

3C.2 Proposed buy-back start date

12/12/2022

3C.3 Proposed buy-back end date

31/10/2023

Part 3D - Other Information

3D.1 Any other information the entity wishes to notify to ASX about the buy-back

Based on a closing market price on ASX of A\$29.26 on 9 December 2022 (being the business day immediately prior to the date of this notice) and an A\$/US\$ exchange rate of 0.6792 (being the applicable spot rate on the same date) this would equate to a maximum of 10.06 million ordinary shares/CUFS. However the final maximum number of shares/CUFS will depend on market price and exchange rate movements over the buy-back period.



Part 4 - Daily buy-back notification

A daily buy-back notification must be submitted for Employee share scheme, On-market, Equal access share scheme and Other buy-backs at least half an hour before the commencement of trading on the +business day after any day on which +securities are bought back (per listing rule 3.8A)

Please verify if the pre-populated values are accurate as they are only indicative based on previous online submissions. The pre-populated values may not be accurate if previous online submissions are still in-flight or in case of announcements made via a MS Word form.

Whilst you may over-ride a pre-populated value, once over-ridden it will not be possible to retrieve the previously pre-populated value.

4.1 Date of this notification

6/9/2023

4.2 Previous day on which +securities were bought back

5/9/2023

	Before previous day	On previous day
4.3 Total number of +securities bought back, or in relation to which acceptances have been received	8,151,756	79,000
4.4 Total consideration paid or payable for the +securities	AUD 298,514,824.16000	AUD 3,687,606.26000
4.5 Highest price paid	AUD 47.74000000	AUD 46.96000000
	Date highest price was paid: 16/8/2023	
4.6 Lowest price paid	AUD 27.06000000	AUD 46.10000000
	Date lowest price was paid: 21/12/2022	

4.7 Highest price allowed to be paid by entity on the previous day under listing rule 7.33:

AUD 48.43000000

4.8 If the entity has disclosed an intention to buy back a maximum number of +securities, the remaining number of +securities to be bought back as at the end of the previous day

1,829,244



Announcement Summary

Name of entity

JAMES HARDIE INDUSTRIES PLC

Announcement type

Update announcement

Type of update

Final buy-back notification

Date of this announcement

6/9/2023

Reason for update

Final buy-back notification

ASX Security code and description of the class of +securities the subject of the buy-back

JHX : CHESS DEPOSITARY INTERESTS 1:1

The type of buy-back is:

On market buy-back

Total number of +securities bought back

8,230,756

Total consideration paid or payable for the securities

AUD 302,202,430.00000

Refer to next page for full details of the announcement



Part 1 - Entity and announcement details

1.1 Name of entity

JAMES HARDIE INDUSTRIES PLC

We (the entity named above) provide the following information about our buy-back.

1.2 Registration number type

ARBN

Registration number

097829895

1.3 ASX issuer code

JHX

1.4 The announcement is

Update/amendment to previous announcement

1.4a Type of update

Final buy-back notification

1.4b Reason for update

Final buy-back notification

1.4c Date of initial notification of buy-back

12/12/2022

1.4d Date of previous announcement to this update

6/9/2023

1.5 Date of this announcement

6/9/2023

1.6 ASX Security code and description of the class of +securities the subject of the buy-back

JHX : CHESS DEPOSITARY INTERESTS 1:1



Notification of buy-back

Part 2 - Type of buy-back

2.1 The type of buy-back is:

On market buy-back



Part 3 - Buy-back details

Part 3A - Details of +securities, price and reason

3A.1 Total number of +securities on issue in the class of +securities to be bought back

445,855,985

3A.4 Does the entity intend to buy back a minimum number of +securities

No

3A.5 Does the entity intend to buy back a maximum number of securities

Yes

3A.5a Maximum number of securities proposed to be bought back

10,060,000

3A.6 Name of broker or brokers who will offer to buy back +securities on the entity's behalf

Broker name:

Barrenjoey Markets Pty Limited

3A.9 Are the +securities being bought back for a cash consideration?

Yes

3A.9a Is the price to be paid for +securities bought back known?

No

3A.9a.1 In what currency will the buy-back consideration be paid?

AUD - Australian Dollar

Part 3B - Buy-back restrictions and conditions

3B.1 Does the buy-back require security holder approval?
↵

Notification of buy-back

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Notification of buy-back

No

Part 3C - Key dates

On-market buy-back

3C.2 Proposed buy-back start date

12/12/2022

3C.3 Proposed buy-back end date

31/10/2023

Part 3D - Other Information

3D.1 Any other information the entity wishes to notify to ASX about the buy-back

Based on a closing market price on ASX of A\$29.26 on 9 December 2022 (being the business day immediately prior to the date of this notice) and an A\$/US\$ exchange rate of 0.6792 (being the applicable spot rate on the same date) this would equate to a maximum of 10.06 million ordinary shares/CUFS. However the final maximum number of shares/CUFS will depend on market price and exchange rate movements over the buy-back period.



Part 5 - Final buy-back notification

For on-market buy-backs, a final buy-back notification must be submitted at least half an hour before the commencement of trading on the business day after the company buys back the maximum number of securities that it wanted or the company decides it will stop buying back securities.

For equal access buy-back schemes, a final buy-back notification must be submitted no later than five business days after the buy-back offer closing date.

For employee share scheme buybacks, selective buy-backs and other buy-backs, a final buy-back notification must be submitted by no later than five business days after the completion of the buy-back.

5.1 Total number of securities bought back

8,230,756

5.2 Total consideration paid or payable for the securities

AUD 302,202,430.00000

5.3 Highest price paid

AUD 47.74000000

5.4 Date highest price was paid

16/8/2023

5.5 Lowest price paid

AUD 27.06000000

5.6 Date lowest price was paid

21/12/2022



Announcement Summary

Entity name

JAMES HARDIE INDUSTRIES PLC

Announcement Type

New announcement

Date of this announcement

Friday September 08, 2023

Details of +securities that have ceased

ASX +security code	Security description	Number of +securities that have ceased	The +securities have ceased due to	Date of cessation
JHX	CHESS DEPOSITARY INTERESTS 1:1	2,456,379	Cancellation pursuant to an on-market buy-back	07/09/2023

Refer to next page for full details of the announcement



Part 1 - Announcement Details

1.1 Name of +Entity

JAMES HARDIE INDUSTRIES PLC

We (the entity named above) provide the following information about our issued capital.

1.2 Registered Number Type

ARBN

Registration Number

097829895

1.3 ASX issuer code

JHX

1.4 The announcement is

New announcement

1.5 Date of this announcement

8/9/2023



Part 2 - Details of +equity securities or +debt securities that have ceased

ASX +Security Code and Description

JHX : CHESS DEPOSITARY INTERESTS 1:1

Quoted +equity securities or +debt securities that have ceased

Number of securities that have ceased

2,456,379

Reason for cessation

Cancellation pursuant to an on-market buy-back

Date of cessation

7/9/2023

Is the entity paying any consideration for the cessation?

Yes

In what currency is the consideration being paid?

AUD - Australian Dollar

Total consideration paid or payable for the securities

AUD 112,073,504.980000000000

Any other information the entity wishes to notify to ASX about the cessation?



Part 3 - Issued capital following changes

Following the cessation of the +securities the subject of this notification, the issued capital of the entity will comprise:

3.1 Quoted +equity securities and +debt securities (total number of each +class of +securities quoted on ASX)

ASX +security code and description	Total number of +securities on issue
JHX : CHESS DEPOSITARY INTERESTS 1:1	437,768,562

3.2 Unquoted +equity securities (total number of each +class of +equity securities issued but not quoted on ASX)

ASX +security code and description	Total number of +securities on issue
JHXAK : RESTRICTED STOCK UNIT	3,568,195
JHXAL : OPTION EXPIRING 03-NOV-2027 EX \$33.05	269,221

Note: the figures stated in the tables above are used to calculate the total market capitalisation of the entity published by ASX from time to time. The table will not include those classes of +securities that have ceased or lapsed in their entirety in ASX records before the announcement date described in Q1.5, even if the entity has advised ASX of a change to that class of +security in Part 2 of this form.

