

**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 2022

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, D02, WR20, 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;
- uncertainty from the discontinuance of LIBOR and transition to any other interest rate benchmark;
- statements regarding the effect and consequences of the COVID-19 public health crisis;
- 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 17 May 2022, 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; risk and uncertainties arising out of the COVID-19 public health crisis, including the impact of COVID-19 on our business, sales, results of operations and financial condition 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

<b>Exhibit No.</b>	<b>Description</b>
<a href="#">99.1</a>	Application for quotation of securities - JHX
<a href="#">99.2</a>	Notification of buy-back - JHX
<a href="#">99.3</a>	Notification regarding unquoted securities - JHX
<a href="#">99.4</a>	Update - Notification of buy-back - 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: 16 December 2022

**James Hardie Industries plc**  
By: /s/ Joseph C. Blasko

Joseph C. Blasko  
General Counsel, Chief Compliance  
Officer and Company Secretary

## EXHIBIT INDEX

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Announcement Summary

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Entity name

JAMES HARDIE INDUSTRIES PLC

Announcement Type

New announcement

Date of this announcement

Monday December 12, 2022

The +securities to be quoted are:

+Securities issued under an +employee incentive scheme that are not subject to a restriction on transfer or that are to be quoted notwithstanding there is a restriction on transfer

Total number of +securities to be quoted

ASX +security code	Security description	Number of +securities to be quoted	Issue date
JHX	CHESS DEPOSITARY INTERESTS 1:1	201,063	09/12/2022

Refer to next page for full details of the announcement







Part 1 - Entity and announcement details

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1.1 Name of entity

JAMES HARDIE INDUSTRIES PLC

We (the entity named above) apply for +quotation of the following +securities and agree to the matters set out in Appendix 2A of the ASX Listing Rules.

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

12/12/2022





## Part 2 - Type of Issue

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2.1 The +securities to be quoted are:

+Securities issued under an +employee incentive scheme that are not subject to a restriction on transfer or that are to be quoted notwithstanding there is a restriction on transfer

2.2 The +securities to be quoted are:

Additional +securities in a class that is already quoted on ASX ("existing class")





Part 3B - number and type of +securities to be quoted (existing class) where issue has not previously been notified to ASX in an Appendix 3B

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Additional +securities to be quoted in an existing class issued under an +employee incentive scheme

FROM (Existing Class)  
ASX +security code and description  
JHXAK : RESTRICTED STOCK UNIT

TO (Existing Class)  
ASX +security code and description  
JHX : CHESS DEPOSITARY INTERESTS 1:1

Please state the number of +securities issued under the +employee incentive scheme that are not subject to a restriction on transfer or that are to be quoted notwithstanding there is a restriction on transfer

201,063

Please provide details of a URL link for a document lodged with ASX detailing the terms of the +employee incentive scheme or a summary of the terms

"Refer to the 2001 Plan:  
<https://ir.jameshardie.com.au/public/download.jsp?id=5562>"

Are any of these +securities being issued to +key management personnel (KMP) or an +associate

No

Issue date

9/12/2022

Will the +securities to be quoted rank equally in all respects from their issue date with the existing issued +securities in that class?

Yes





Issue details

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Number of +securities to be quoted

201,063

Are the +securities being issued for a cash consideration?

No

Please describe the consideration being provided for the +securities

na

Please provide an estimate (in AUD) of the value of the consideration being provided per +security for the +securities to be quoted

0.000000

Any other information the entity wishes to provide about the +securities to be quoted









Part 4 - Issued capital following quotation

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Following the quotation of the +securities the subject of this application, the issued capital of the entity will comprise:  
(A discrepancy in these figures compared to your own may be due to a matter of timing if there is more than one application for quotation/issuance currently with ASX for processing.)

4.1 Quoted +securities (total number of each +class of +securities quoted on ASX following the +quotation of the +securities subject of this application)

ASX +security code and description	Total number of +securities on issue
JHX : CHESS DEPOSITARY INTERESTS 1:1	445,855,985

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

ASX +security code and description	Total number of +securities on issue
JHXAK : RESTRICTED STOCK UNIT	2,193,480
JHXAL : OPTION EXPIRING 03-NOV-2027 EX \$33.05	269,221





Part 5 - Other Listing Rule requirements

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5.1 Are the +securities being issued under an exception in Listing Rule 7.2 and therefore the issue does not need any security holder approval under Listing Rule 7.1?

Yes

5.1a Select the number of the applicable exception in Listing Rule 7.2

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Announcement Summary

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Name of entity

JAMES HARDIE INDUSTRIES PLC

Announcement type

New announcement

Date of this announcement

12/12/2022

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

Refer to next page for full details of the announcement







Part 1 - Entity and announcement details

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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

New announcement

1.5 Date of this announcement

12/12/2022

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

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### Part 2 - Type of buy-back

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2.1 The type of buy-back is:

On market buy-back





### Part 3 - Buy-back details

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

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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

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

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## Notification of buy-back

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No

### Part 3C - Key dates

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#### 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

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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.









### Announcement Summary

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Entity name

JAMES HARDIE INDUSTRIES PLC

Date of this announcement

Wednesday December 14, 2022

The +securities the subject of this notification are:

+Securities issued under an +employee incentive scheme that are subject to a restriction on transfer and are not being quoted on ASX until the restriction ends

Total number of +securities to be issued/transferred

ASX +security code	Security description	Total number of +securities to be issued/transferred	Issue date
JHXAK	RESTRICTED STOCK UNIT	668,457	09/12/2022

Refer to next page for full details of the announcement





Part 1 - Entity and announcement details

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1.1 Name of entity

JAMES HARDIE INDUSTRIES PLC

We (the entity named above) give notice of the issue, conversion or payment up of the following unquoted +securities.

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

14/12/2022





Part 2 - Issue details

---

2.1 The +securities the subject of this notification are:

+Securities issued under an +employee incentive scheme that are subject to a restriction on transfer and are not being quoted on ASX until the restriction ends

2.2a This notification is given in relation to an issue of +securities in a class which is not quoted on ASX and which:

has an existing ASX security code ("existing class")





Part 3B - number and type of +securities the subject of this notification (existing class) where issue has not previously been notified to ASX in an Appendix 3B

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Additional +securities in an existing class issued under an +employee incentive scheme

ASX +security code and description

JHXAK : RESTRICTED STOCK UNIT

Date the +securities the subject of this notification were issued

9/12/2022

Will these +securities rank equally in all respects from their issue date with the existing issued +securities in that class

Yes

Were any of the +securities issued to +key management personnel (KMP) or an +associate?

No

Please provide a URL link for a document lodged with ASX detailing the terms of the +employee incentive scheme or a summary of the terms

"Refer to the 2001 Plan:

<https://ir.jameshardie.com.au/public/download.jsp?id=5562>"

Any other information the entity wishes to provide about the +securities the subject of this notification

668,457 Restricted Stock Units (RSUs) granted under the James Hardie Industries Equity Incentive Plan 2001 (2001 Plan)

#### Issue details

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Number of +securities

668,457

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Part 4 - +Securities on issue

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Following the issue, conversion or payment up of the +securities the subject of this application, the +securities of the entity will comprise:

(A discrepancy in these figures compared to your own may be due to a matter of timing if there is more than one application for quotation/issuance currently with ASX for processing.)

4.1 Quoted +Securities (Total number of each +class of +securities quoted)

ASX +security code and description	Total number of +securities on issue
JHX : CHESS DEPOSITARY INTERESTS 1:1	445,855,985

4.2 Unquoted +Securities (Total number of each +class of +securities issued but not quoted on ASX)

ASX +security code and description	Total number of +securities on issue
JHXAK : RESTRICTED STOCK UNIT	2,861,937
JHXAL : OPTION EXPIRING 03-NOV-2027 EX \$33.05	269,221





Part 5 - Other Listing Rule requirements

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5.1 Were the +securities issued under an exception in Listing Rule 7.2 and therefore the issue did not need any security holder approval under Listing Rule 7.1?

Yes

5.1a Select the number of the applicable exception in Listing Rule 7.2

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Announcement Summary

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Name of entity

JAMES HARDIE INDUSTRIES PLC

Announcement type

Update announcement

Type of update

Daily buy-back notification

Date of this announcement

15/12/2022

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

0

Total number of +securities bought back on previous day

265,000

Refer to next page for full details of the announcement







Part 1 - Entity and announcement details

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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

12/12/2022

1.5 Date of this announcement

15/12/2022

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

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### Part 2 - Type of buy-back

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2.1 The type of buy-back is:

On market buy-back





### Part 3 - Buy-back details

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

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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

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

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## Notification of buy-back

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No

### Part 3C - Key dates

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#### 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

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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

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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-riden it will not be possible to retrieve the previously pre-populated value.

4.1 Date of this notification

15/12/2022

4.2 Previous day on which +securities were bought back

14/12/2022

	Before previous day	On previous day
4.3 Total number of +securities bought back, or in relation to which acceptances have been received	0	265,000
4.4 Total consideration paid or payable for the +securities	AUD 0.00000	AUD 7,935,002.05000
4.5 Highest price paid	AUD 0.00000000	AUD 30.29000000

Date highest price was paid:

4.6 Lowest price paid	AUD 0.00000000	AUD 29.60000000
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Date lowest price was paid:

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

AUD 30.48000000

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

9,795,000



