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 2025

1-15240 (Commission File Number)

JAMES HARDIE INDUSTRIES plc

(Translation of registrant's name into English)

1st 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 and earnings 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 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 future integration of AZEK, including its anticipated benefits;
- 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;
- 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.

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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 our Form 20-F filed with the Securities and Exchange Commission on 20 May 2025, 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; the AZEK acquisition; 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
<u>99.1</u>	Statement of CDIs on issue - JHX
<u>99.2</u>	Change of Director's Interest Notice
<u>99.3</u>	Change of Director's Interest Notice
<u>99.4</u>	Notification regarding unquoted securities - JHX
<u>99.5</u>	Notification regarding unquoted securities - JHX
<u>99.6</u>	Redemption of Senior Notes

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: 12 December 2025

James Hardie Industries plc By: /s/ Aoife Rockett

Aoife Rockett Company Secretary

EXHIBIT INDEX

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<u>99.5</u>	Notification regarding unquoted securities - JHX
99.6	Redemption of Senior Notes



Part 1 - Entity and announcement details

1.1 Name of +Entity

JAMES HARDIE INDUSTRIES PLC

1.2 Registered Number Type ARBN

1.3 ASX issuer code JHX

1.4 The announcement is New announcement1.5 Date of this announcement5/12/2025 Registration Number 097829895



Part 2 - Details of +CDIs and other +securities on issue

2.1 Statement for month and year

November-2025

2.2a Number and class of all +CDIs issued over quoted +securities

ASX Security Code and Description +CDI Ratio

JHX: CHESS DEPOSITARY INTERESTS 1:1 1:1

Total number of +CDIs issued over quoted +securities at end of

statement month (A):

quoted +securities at end of previous month (B):

430,083,973 430,083,973

If the total number of +CDIs issued over quoted +securities at the end of the statement month, is greater than the total number of +CDIs issued over quoted +securities for which the entity has previously paid an initial listing fee or an additional listing fee under Table 1A and 1C of Guidance Note 15A, the entity hereby applies for +quotation of the relevant securities and agrees to the matters set out in Appendix 2A of the ASX Listing Rules.

Total number of +CDIs issued over

2.2b Number and class of all +securities on issue over which +CDIs have not been issued

ASX Security Code and Description

JHXAM: ORDINARY SHARES

Total number of +securities at end of Total number of +securities at end of Net Difference (A-B)

statement month (A)

previous month (B)

Net Difference (A-B)

0

149,207,393 149,207,393

ASX Security Code and Description

JHXAL: OPTION EXPIRING 03-NOV-2027 EX \$33.05

statement month (A)

Total number of +securities at end of Total number of +securities at end of Net Difference (A-B)

previous month (B)

269,221 269,221

ASX Security Code and Description JHXAK: RESTRICTED STOCK UNIT

statement month (A)

Total number of +securities at end of Total number of +securities at end of Net Difference (A-B)

previous month (B) 0

4,879,048 4,879,048

Rule 3.19A.2

Appendix 3Y

Change of 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 30/09/01 Amended 01/01/11

Name of entity	James Hardie Industries plc
ARBN	097 829 895

We (the entity) give ASX the following information under listing rule 3.19A.2 and as agent for the director for the purposes of section 205G of the Corporations Act.

Name of Director	Jesse Singh
Date of last notice	23 July 2025

Part 1 - Change of director's relevant interests in securities

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.

Direct or indirect interest	Direct & Indirect	
Nature of indirect interest	The Linda Singh Revocable Trust, Director and spouse as co-trustees	
(including registered holder) Note: Provide details of the circumstances giving rise to the relevant interest.	The Linda S.R. Singh Family Trust, Director as trustee	
	The Jesse Singh 2016 Irrevocable Trust, Director's spouse as trustee	
	The Jesse G. Singh Revocable Trust, Director and spouse as co-trustees	
	The Jesse Singh 2024 Trust, Director as grantor-trustee	
Date of change	2 December 2025	
No. of securities held prior to change	Direct Ordinary shares:	
	1,062,352	
	Indirect Ordinary shares:	
	The Linda Singh Revocable Trust – 116,022	
	The Linda S.R. Singh Family Trust – 242,775	
	The Jesse Singh 2016 Irrevocable Trust – 240,672	
	The Jesse G. Singh Revocable Trust – 9,798	
	The Jesse Singh 2024 Trust – 103,400	
Class	Ordinary shares	

L	800	abantar	10	for	defined	torme
т	Sec	Chapter	19	101	delilled	terms

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Number acquired	Indirect:	
	The Linda S.R. Singh Family Trust – 116,022	
	The Jesse Singh 2016 Irrevocable Trust – 259,068	
	The Jesse G. Singh Revocable Trust – 545,673	
Number disposed	Direct:	
	804,741	
	Indirect:	
	The Linda Singh Revocable Trust – 116,022	
Value/Consideration Note: If consideration is non-cash, provide details and estimated valuation	USD \$7,238,656.89	
No. of securities held after change	Direct Ordinary shares:	
	257,611	
	Indirect Ordinary shares:	
	The Linda Singh Revocable Trust – 0	
	The Linda S.R. Singh Family Trust – 358,797	
	The Jesse Singh 2016 Irrevocable Trust – 499,740	
	The Jesse G. Singh Revocable Trust – 555,471	
	The Jesse Singh 2024 Trust – 103,400	
Nature of change Example: on-market trade, off-market trade, exercise of options, issue of securities under dividend reinvestment plan, participation in buy-back	Transfer of shares for no value from direct holdings to a revocable trust and subsequent transfers for value from a revocable trust to two family trusts. No net change in overall ordinary share ownership.	

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⁺ See chapter 19 for defined terms.

Part 2 – Change of director's interests in contracts

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.

Detail of contract	Not applicable
Nature of interest	Not applicable
Name of registered holder	Not applicable
(if issued securities)	
Date of change	Not applicable
No. and class of securities to which interest related	Not applicable
prior to change Note: Details are only required for a contract in relation to which the interest has changed	
Interest acquired	Not applicable
Interest disposed	Not applicable
Value/Consideration Note: If consideration is non-cash, provide details and an estimated valuation	Not applicable
Interest after change	Not applicable

Part 3 – +Closed period

Were the interests in the securities or contracts detailed above traded during a +closed period where prior written clearance was required?	No
If so, was prior-written clearance provided to allow the trade to proceed during this period?	Not applicable
If prior written clearance was provided, on what date was this provided?	Not applicable

⁺ See chapter 19 for defined terms.

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Rule 3.19A.2

Appendix 3Y

Change of 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 30/09/01 Amended 01/01/11

Name of entity	James Hardie Industries plc
ARBN	097 829 895

We (the entity) give ASX the following information under listing rule 3.19A.2 and as agent for the director for the purposes of section 205G of the Corporations Act.

Name of Director	Gary Hendrickson
Date of last notice	8 July 2025

Part 1 - Change of director's relevant interests in securities

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.

Direct or indirect interest	Direct & Indirect
Nature of indirect interest (including registered holder) Note: Provide details of the circumstances giving rise to the relevant interest.	The Hendrickson Family Trust, for which the Director's spouse serves as trustee and for which the Director's spouse has delegated investment control and management to the Director
Date of change	1 December 2025
No. of securities held prior to change	Direct Ordinary shares:
	260,165
	Indirect Ordinary shares:
	145,682
Class	Ordinary shares
Number acquired	Indirect: 47,196
Number disposed	Direct: 47,196
Value/Consideration Note: If consideration is non-cash, provide details and estimated valuation	USD \$922,918
No. of securities held after change	Direct Ordinary shares:
	212,969
	Indirect Ordinary shares:
	192,878
Nature of change Example: on-market trade, off-market trade, exercise of options, issue of securities under dividend reinvestment plan, participation in buy-back	Transfer of shares for value from direct holdings to family trust

⁺ See chapter 19 for defined terms.

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Part 2 – Change of director's interests in contracts

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.

Detail of contract	Not applicable
Nature of interest	Not applicable
Name of registered holder	Not applicable
(if issued securities)	
Date of change	Not applicable
No. and class of securities to which interest related	Not applicable
prior to change Note: Details are only required for a contract in relation to which the interest has changed	
Interest acquired	Not applicable
Interest disposed	Not applicable
Value/Consideration Note: If consideration is non-cash, provide details and an estimated valuation	Not applicable
Interest after change	Not applicable

Part 3 - +Closed period

Were the interests in the securities or contracts detailed above traded during a +closed period where prior written clearance was required?	No
If so, was prior-written clearance provided to allow the trade to proceed during this period?	Not applicable
If prior written clearance was provided, on what date was this provided?	Not applicable

⁺ See chapter 19 for defined terms.

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Announcement Summary

Entity name

JAMES HARDIE INDUSTRIES PLC

Date of this announcement

Monday December 08, 2025

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

Total number of

ASX +security +securities to be

code Security description issued/transferred Issue date

JHXAK RESTRICTED STOCK UNIT 163,429 01/12/2025

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) give notice of the issue, conversion or payment up of the following unquoted +securities.

1.2 Registered number type

Registration number

ARBN

097829895

1.3 ASX issuer code

JHX

1.4 The announcement isNew announcement1.5 Date of this announcement8/12/2025



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

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

1/12/2025

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?

Provide details of the KMP or +associates being issued +securities.

Name of KMP Name of registered holder Number of +securities

Jonathan Skelly Same 163,429

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 2006 Plan:

https://ir.jameshardie.com.au/public/download.jsp?id=5390

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

Grant of 163,429 Performance-Based RSUs, under the 2006 LTI Plan. Performance RSUs are contractual entitlements to be issued ordinary shares/CDIs upon satisfaction of certain conditions.

Issue details

Number of +securities

163,429



Part 4 - +Securities on issue

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

The figures in parts 4.1 and 4.2 below are automatically generated and may not reflect the entity's current issued capital if other Appendix 2A, Appendix 3G or Appendix 3H forms are currently with ASX for processing.

4.1 Quoted +securities (Total number of each +class of +securities issued and quoted on ASX)

ASX +security code and description

Total number of +securities on issue

JHX: CHESS DEPOSITARY INTERESTS 1:1

430,083,973

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

Total number of

ASX +security code and description

+securities on issue

JHXAK: RESTRICTED STOCK UNIT

5,042,477

JHXAM: ORDINARY SHARES

149,207,393

JHXAL: OPTION EXPIRING 03-NOV-2027 EX \$33.05

269,221



Part 5 - Other Listing Rule requirements

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



Announcement Summary

Entity name

JAMES HARDIE INDUSTRIES PLC

Date of this announcement

Monday December 08, 2025

The +securities the subject of this notification are:

+Securities issued as part of a transaction or transactions previously announced to the market in an Appendix 3B that are not quoted, and are not intended to be quoted, on ASX

Total number of +securities to be issued/transferred

Total number of ASX +security +securities to be

code Security description issued/transferred Issue date

JHXAM ORDINARY SHARES 661 02/12/2025

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) give notice of the issue, conversion or payment up of the following unquoted +securities.

1.2 Registered number type

Registration number

ARBN

097829895

1.3 ASX issuer code

JHX

1.4 The announcement isNew announcement1.5 Date of this announcement8/12/2025



Part 2 - Issue details

2.1 The +securities the subject of this notification are:

+Securities issued as part of a transaction or transactions previously announced to the market in an Appendix 3B that are not quoted, and are not intended to be quoted, on ASX

Previous Appendix 3B details:

Announcement Date and Announcement Title Selected Appendix 3B to submit quotation

Time request

24-Mar-2025 08:33 New - Proposed issue of securities - JHX

2.3a.2 Are there any further issues of +securities yet to take place to complete the transaction(s) referred to in the Appendix 3B?

Yes

2.3a.3 Please provide details of the further issues of +securities yet to take place to complete the transaction(s) referred to in the Appendix 3B

On July 1, 2025, James Hardie Industries plc ("James Hardie") consummated the merger contemplated by the Agreement and Plan of Merger, dated as of March 23, 2025, as amended, by and among James Hardie, Juno Merger Sub Inc., and The AZEK Company Inc. ("AZEK"). Shares issued represent James Hardie ordinary shares issued in respect of the settlement of certain AZEK equity awards outstanding as of the closing of the merger.

Part 3A - number and type of +securities the subject of this notification (existing class or new class) where issue has previously been notified to ASX in an Appendix 3B

Placement Details

ASX +security code and description

JHXAM: ORDINARY SHARES

Date the +securities the subject of this notification were issued

2/12/2025

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

James Hardie Industries plc applied for a waiver from Listing Rule 2.4 in respect to the issuance of the unquoted securities described in this appendix on 7 July 2025. ASX granted the waiver on 16 July 2025.

Issue details

Number of +securities

661

Were the +securities issued for a cash consideration?

Yes

In what currency was the cash consideration being paid?

USD - US Dollar

What was the issue price per +security?

USD 0.68500000



Part 4 - +Securities on issue

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

The figures in parts 4.1 and 4.2 below are automatically generated and may not reflect the entity's current issued capital if other Appendix 2A, Appendix 3G or Appendix 3H forms are currently with ASX for processing.

4.1 Quoted +securities (Total number of each +class of +securities issued and quoted on ASX)

ASX +security code and description

Total number of +securities on issue

JHX: CHESS DEPOSITARY INTERESTS 1:1

430,083,973

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

Total number of

ASX +security code and description

+securities on issue

JHXAK: RESTRICTED STOCK UNIT

4,879,048

JHXAM: ORDINARY SHARES

149,208,054

JHXAL: OPTION EXPIRING 03-NOV-2027 EX \$33.05

269,221



James Hardie Announces Redemption of Senior Notes

James Hardie Industries plc (NYSE/ASX: JHX) ("James Hardie" or the "Company"), a leading provider of exterior home and outdoor living solutions, today announced that James Hardie International Finance Designated Activity Company, its wholly-owned subsidiary, redeemed on December 10th, 2025 (the "Redemption Date") its €400 million aggregate principal amount 3.625% Senior Notes due 2026 (ISIN XS1888221428/ISIN XS1888221261). The redemption price for the Notes is equal to 100% of principal amount of the Notes redeemed, plus any accrued and unpaid interest thereon to, but excluding, the Redemption Date.

On and after the Redemption Date, the Notes will no longer be deemed outstanding and interest will no longer accrue on the Notes. Payment of the redemption price for the Notes was made through the facilities of Deutsche Bank Trust & Agency Operations.

About James Hardie

James Hardie Industries plc (NYSE: JHX; ASX: JHX) is the industry leader in exterior home and outdoor living solutions, with a portfolio that includes fiber cement, fiber gypsum, and composite and PVC decking and railing products. Products offered by James Hardie are engineered for beauty, durability, and climate resilience, and include trusted brands like Hardie®, TimberTech®, AZEK® Exteriors, Versatex®, fermacell® and StruXure®. With a global footprint, the James Hardie portfolio is marketed and sold throughout North America, Europe, and the Asia-Pacific region. James Hardie Industries plc is a limited liability company incorporated in Ireland with its registered office at 1st Floor, Block A, One Park Place, Upper Hatch Street, Dublin 2, D02 FD79, Ireland.

Investor and Media Contact

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This communication has been authorized by the Company Secretary of James Hardie Industries plc.