

**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 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

TABLE OF CONTENTS

| | |
|--|---|
| Forward-Looking Statements | 3 |
| Exhibit Index | 5 |
| Signatures | 6 |

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 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 acquisition 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.

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 |
|----------------------|-------------------------------|
| 99.1 | Change in substantial holding |

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: 19 September 2025

James Hardie Industries plc
By: /s/ Aoife Rockett

Aoife Rockett
Company Secretary

EXHIBIT INDEX

| Exhibit No. | Description |
|----------------------|-------------------------------|
| 99.1 | Change in substantial holding |



JamesHardieTM

James Hardie Industries plc
1st Floor, Block A,
One Park Place,
Upper Hatch Street, Dublin 2,
D02 FD79, Ireland

T: +353 (0) 1 411 6924
F: +353 (0) 1 479 1128

18 September 2025

The Manager
Company Announcements Office
Australian Securities Exchange Limited
20 Bridge Street
SYDNEY NSW 2000

Dear Sir/Madam

Substantial Holding Notice

As required under ASX Listing Rule 3.17.3 please see attached copy of the substantial holding notice received by James Hardie on 17 September 2025.

Regards

Aoife Rockett
Company Secretary

This announcement has been authorised for release by the Company Secretary, Ms Aoife Rockett.

Standard Form TR-1

Standard form for notification of major holdings

NOTIFICATION OF MAJOR HOLDINGS (to be sent to the relevant issuer and to the Central Bank of Ireland) ⁱ

1. Identity of the issuer or the underlying issuer of existing shares to which voting rights are attached ⁱⁱ:

JAMES HARDIE INDUSTRIES plc

2. Reason for the notification (please tick the appropriate box or boxes):

- ☒ An acquisition or disposal of voting rights
☐ An acquisition or disposal of financial instruments
☐ An event changing the breakdown of voting rights
☐ Other (please specify) ⁱⁱⁱ

3. Details of person subject to the notification obligation ^{iv}:

Name:

City and country of registered office (if applicable):

STATE STREET CORPORATION

BOSTON, US

4. Full name of shareholder(s) (if different from 3.) ^v:

STATE STREET BANK AND TRUST COMPANY

STATE STREET GLOBAL ADVISORS (JAPAN) CO., LTD.

STATE STREET GLOBAL ADVISORS ASIA LIMITED

STATE STREET GLOBAL ADVISORS EUROPE LIMITED

SSGA FUNDS MANAGEMENT, INC.

STATE STREET GLOBAL ADVISORS TRUST COMPANY

STATE STREET GLOBAL ADVISORS LIMITED

STATE STREET GLOBAL ADVISORS, LTD.

STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED

5. Date on which the threshold was crossed or reached ^{vi}: 10-Sep-2025

6. Date on which issuer notified: 17-Sep-2025

7. Threshold(s) that is/are crossed or reached: Above 3.00%

8. Total positions of person(s) subject to the notification obligation:

| | % of voting rights attached to shares (total of 9.A) | % of voting rights through financial instruments (total of 9.B.1 + 9.B.2) | Total of both in % (9.A + 9.B) | Total number of voting rights of issuer ^{vii} |
|---|--|---|--------------------------------|--|
| Resulting situation on the date on which threshold was crossed or reached | 3.76% | | 3.76% | 429,900,000 |
| Position of previous notification (if applicable) | 2.76% | | 2.76% | |

9. Notified details of the resulting situation on the date on which the threshold was crossed or reached ^{viii}:

A: Voting rights attached to shares

| Class/type of shares ISIN CODE (if possible) | Number of voting rights ^{ix} | | % of voting rights | |
|---|---------------------------------------|------------|--------------------|----------|
| | Direct | Indirect | Direct | Indirect |
| Ordinary AU000000JHX1 | | 14,853,378 | | 3.46% |
| Ordinary IE000R94NGM2 | | 1,298,221 | | 0.30% |
| SUBTOTAL A | | 16,151,599 | | 3.76% |

B 1: Financial Instruments according to Regulation 17(1)(a) of the Regulations

| Type of financial instrument | Expiration date ^x | Exercise/ Conversion Period ^{xi} | Number of voting rights that may be acquired if the instrument is exercised/converted. | % of voting rights |
|------------------------------|------------------------------|--|--|--------------------|
| | | | | |
| | | SUBTOTAL B.1 | | |

| B 2: Financial Instruments with similar economic effect according to Regulation 17(1)(b) of the Regulations | | | | | |
|---|------------------------------|---|---|-------------------------|--------------------|
| Type of financial instrument | Expiration date ^x | Exercise/ Conversion Period ^{xi} | Physical or cash settlement ^{xi} | Number of voting rights | % of voting rights |
| | | | | | |
| | | | SUBTOTAL B.2 | | |

10. Information in relation to the person subject to the notification obligation (please tick the applicable box):

☐ Person subject to the notification obligation is not controlled by any natural person or legal entity and does not control any other undertaking(s) holding directly or indirectly an interest in the (underlying) issuer. ^{xii}

☒ Full chain of controlled undertakings through which the voting rights and/or the financial instruments are effectively held starting with the ultimate controlling natural person or legal entity ^{xiii}:

| Name ^{xv} | % of voting rights if it equals or is higher than the notifiable threshold | % of voting rights through financial instruments if it equals or is higher than the notifiable threshold | Total of both if it equals or is higher than the notifiable threshold |
|--|--|--|---|
| STATE STREET CORPORATION | 3.76% | | 3.76% |
| STATE STREET BANK AND TRUST COMPANY | 0.33% | | 0.33% |
| STATE STREET GLOBAL ADVISORS (JAPAN) CO., LTD. | 0.21% | | 0.21% |
| STATE STREET GLOBAL ADVISORS ASIA LIMITED | 0.03% | | 0.03% |
| STATE STREET GLOBAL ADVISORS EUROPE LIMITED | 0.09% | | 0.09% |
| SSGA FUNDS MANAGEMENT, INC. | 0.28% | | 0.28% |
| STATE STREET GLOBAL ADVISORS TRUST COMPANY | 1.33% | | 1.33% |
| STATE STREET GLOBAL ADVISORS LIMITED | 0.02% | | 0.02% |
| STATE STREET GLOBAL ADVISORS, LTD. | 0.01% | | 0.01% |
| STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED | 1.46% | | 1.46% |

11. In case of proxy voting: _____ will cease to hold _____ and _____ voting rights as of _____

12. Additional information ^{xvii}

Done at BOSTON MA USA on 17-Sep-2025.


