

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	445,037,502
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 22 May 2014

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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

To be advised later

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.

Up to 22,216,125 ordinary shares/CUFS¹

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

12 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

Not applicable

15 Price to be offered for shares

Not applicable

¹ Being 5% of the issued share capital after deducting the number of shares acquired under the previous buy-back that have not yet been cancelled.

⁺ See chapter 19 for defined terms.

Selective buy-back

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

Not applicable

17 Number of shares proposed to be bought back

Not applicable

18 Price to be offered for shares

Not applicable

Equal access scheme

19 Percentage of shares proposed to be bought back

Not applicable

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

Not applicable

21 Price to be offered for shares

Not applicable

22 ⁺Record date for participation in offer
Cross reference: Appendix 7A, clause 9.

Not applicable

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.

Sign here: /s/ Natasha Mercer Date: 22 May 2014
 (Company secretary)

Print name: Natasha Mercer

⁺ See chapter 19 for defined terms.