

TEST CERTIFICATE No.: INZ46432-01

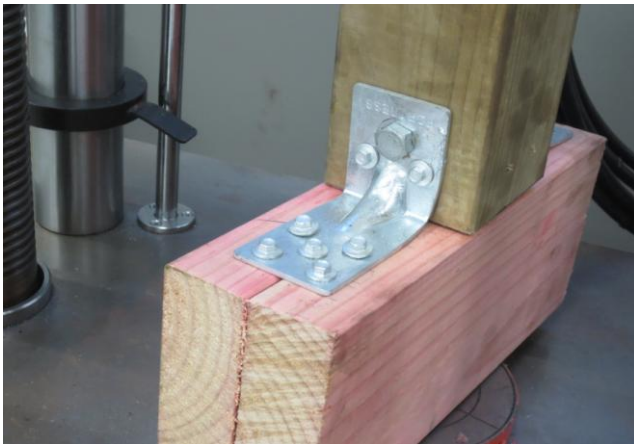
Client: Fortress Fasteners
 Order No.: Daniel
 Sample Description: Sub-floor retro pile fixing assembly as supplied
 Identification: Not supplied
 Material Specification: N/A
 Tested in accordance with: As per client instruction

TEST: Two 140x45mm bearers placed side-by-side were fixed by two connectors on each side of 100x100m pile. The assembly was prepared by the client.

Load was applied along the axis of the pile to separate the assembly.
 Maximum breaking load of the connection was recorded.

RESULT:

Maximum breaking load: 17.4 kN
 Findings: Screw head sheared off



Assembly setup



Failure after loading

Acceptance Criteria: Report findings

Tested by: T. Qiu

Date: 12-Mar-14

Checked by: N. Woods

Date: 12-Mar-14

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 14 days only.