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Tuff Block Load Simulation – EEAQ-0162

For Evolve Group

have been issued with this

Certificate of Compliance

Whereby the Evolve Group Tuff Block has been engineered to comply with or exceed the requirements of 'AC49: Acceptance Criteria for Molded Plastic Footing Pads' under the specified loading scenarios.

Effective this 2nd day of August, 2014



Ayrton Sue
B.Eng Mech(UWA), IEAust

*Director of
Element Engineering Australia*

Conditions Appropriating to Certification

Conditions of Use

Tuff Block

Certified Load Scenarios:

Load Scenario 1

1. 4x4 post loaded at centre @1500psf
2. 4x4 post loaded at centre @2000psf
3. 4x4 post loaded at centre @3000psf

Load Scenario 2

1. 2x4 joist loaded along corridor @1500psf
2. 2x4 joist loaded along corridor @2000psf
3. 2x4 joist loaded along corridor @3000psf

***Refer to accompanying documentation for soil properties**

This 'Tuff Block' has been analysed and certified to Acceptance Criteria 49 based on conditions set out in '*E1.1.63.2 – Tuff Block – FEA Analysis Documentation – 140821-1*'.

CORRECT USE OF Tuff Block

This device is designed to support a load not exceeding those specified in this certification

- 1) Tuff Block only to be loaded as per 'Load Scenario 1' and 'Loading Scenario 2', as outlined in the FEA documentation.
- 2) The device must be commissioned by a qualified engineer prior to use.
- 3) Any signs indicating a compromise in structural integrity to the device or damage or removal of certification plate will void all public and product liability insurances relative to this product.
- 4) Any signs of damage to this device must be reported to Element Engineering Australia immediately for inspection and re-certification if appropriate.

Further Information

For further information or complete documentation of the 'Tuff Block' and Certification, please contact Ayrton Sue at Element Engineering Australia.

Ayrton Sue

Director

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