

# 40ft Building and Construction Cabins – Structural Verification

Client Royal Wolf  
Report Number FE-160607-02-R-02 Rev 0  
Report Date 22/07/2016

Equipment 40' building and construction containers  
Drawings NT-S-1499G Issue D16-A

## Design Conditions:

Arrangement	Permissible Wind Region	Permissible Seismic Region	Permissible Live Loading
Triple Stacked	AS1170.2 Wind Region B	Australia	Floor = 3 kPa Walkways = 2.5 kPa Overhead protection = 10 kPa
Double Stacked	AS1170.2 Wind Region D (Worst Case Australia)	New Zealand	Floor = 3 kPa Walkways = 2.5 kPa Overhead protection = 10 kPa

Location Varies

The equipment detailed above is approved in accordance with the following:

AS4100  
AS1170 Parts 0, 1, 2 & 4  
NZS1170.5  
Sound engineering practice

## Comments

Additional weight may be required to prevent sliding and overturning, and must be assessed on a case-by-case basis. It is the client's responsibility to ensure that the minimum weight to prevent sliding or overturning is achieved.

This approval is limited to the 40' cabins only, and does not cover the gantry or platforms.

Top level storage platforms are not permissible for the stacked 40' containers.

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