

COMPLIANCE SUMMARY REPORT / PRODUCT SPECIFICATIONS

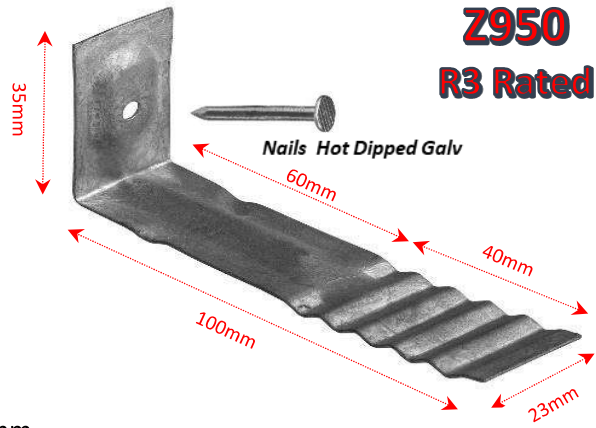
**CARLRAY STUBBY TIES FACE-FIXED LIGHT DUTY Z950 R3 RATED
COMPLY TO AS 2699.1:2019 & AS 3700:2018**

Manufactured By

Carlray Pty Ltd

Product: Code 84071

Type: A
 Category of Tie: Veneer - Face Fixed
 Classification: Light Duty
 Rated Cavity Width: 50mm
 Durability Category: R3 Marine
 Fastening Requirements: 3.15 Galv Nail
 Product Dimensions: 100mm x 23mm x .75mm



Test Results: Specimens Tested 10 - Category (a) Face Fixed

Duty Classification	Mean Strength Kn	
	Tension	Compression
Light Duty	0.46	0.74

Durability Class	Colour Code	Material
R3	RED	Z950

475gms/m² on each surface

Water Transfer Test	Vertical Offset = 0	Vertical Offset = 20mm
Up Position	Pass	Pass

Note: Ties must be installed in the up position, as per image.

Corrosion Zones for Masonry Strip Steel Veneer Ties - Material Z950 Galv		
Durability Class	Surf Coast	Sheltered Coast
R3	1km to 10km	100m to 1km

Note: The closer the construction is located to the sea the higher corrosive environment.

Installation and Spacings Requirements For Masonry Veneer Ties		
450 Stud Walls	600 Stud Walls	Around Openings & Edges
600mm x 450mm	600mm x 600mm	300mm x 300mm

Note: Suitable for timber & steel frames. The correct mortar mix is important to effectivity of strength in masonry construction.

Assessment / Overview

These ties comply, having been independently tested. Carlray manufactures only with materials compliant to corrosivity categories & durability classes specified in the Australian Standard for Built-In Components for Masonry Construction A.S. 2699.1.2019 & Masonry Structures A.S. 3700.2018. Test reports & Material Certificate of Analysis for determining the coating thickness are available on request.