

COMPLIANCE SUMMARY REPORT / PRODUCT SPECIFICATIONS

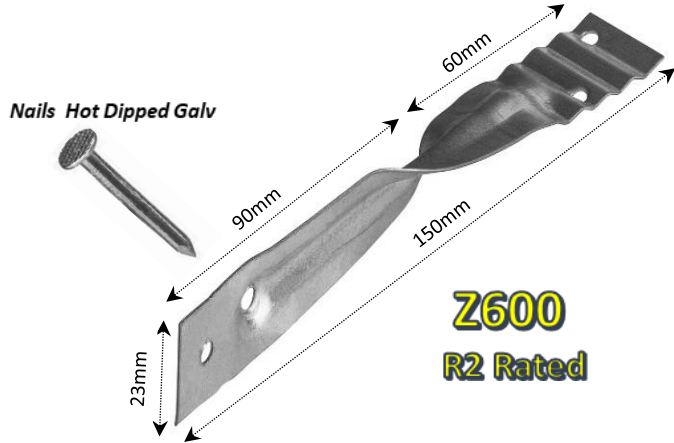
**CARLRAY VENEER TIES SIDE-FIXED LIGHT DUTY Z600 R2 RATED
COMPLY TO AS 2699.1:2019 & AS 3700:2018**

Manufactured By

Carlray Pty Ltd
448 The Boulevard
Kirrawee N.S.W. 2232

Product: Code 83959

Type: A
Category of Tie: Veneer - Side Fixed
Classification: Light Duty
Rated Cavity Width: 50mm
Durability Category: R0 R1 R2 Mild
Fastening Requirements: 3.15 Galv Nail
Product Dimensions: 150mm x 23mm x .75mm



Test Results: Masonry Research Centre Deakin University - Specimens Tested 10

Duty Classification	Mean Strength Kn	
	Tension	Compression
Light Duty	0.69	0.76

Durability Class	Colour Code	Material
R2	Yellow	Z600 300gms/m ² 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 Z600 Galv		
Durability Class	Surf Coast	Sheltered Coast
R2	>10km	>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 by Deakin University Masonry Research Centre. Test reports and Material Certificate of Analysis for determining the coating thickness of galvanised wall ties are available on request.