Product code

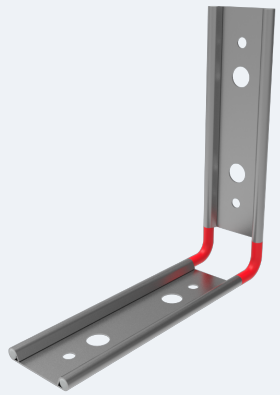
CGT1-B

Vertical Control Gap Tie

Product datasheet

View product online

Download 2D CAD (DXF)



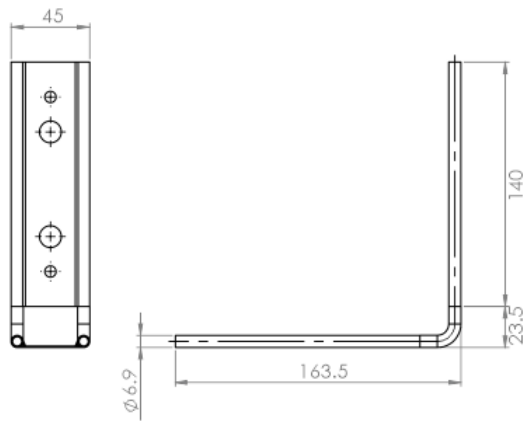
Ensure the longevity of your masonry with this sliding tie. It establishes a crucial vertical control gap, enabling vertical expansion up to 40mm in brick and block walls. also allowing in-plane movement. This tie doesn't just allow for movement; it also secures masonry against lateral wind loads and features a de-bonding slide that effectively manages and absorbs differential movement, preventing internal stresses.

Corrosion class	R2 (+2 options)
Material	Galvanised Z600
Tested	See test results

Features

- Clay brick / block work
- Tested to a control gap of 40mm
- Wall starter
- Universal applications
- Australian design & tested AS/NZS 2699.2:2020

Technical details



Dimension drawing. Sizes are given as A.

Fixing requirements

Fixed with approved fasteners, contact us with your project requirements.

Corrosion characteristics

R2	Galvanised Z600
R3	Hot dipped galvanising
R4	Stainless steel 316L

Conforms to corrosion resistance set by AS/NZS 2699 / AS 3700.

Ordering information

Choose one option from each column to build the order code, then give us the code and the quantity you need.

Example order code

CGT1-B-R2

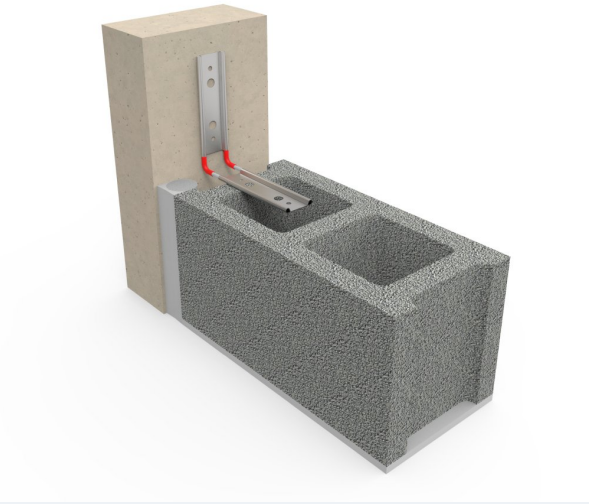
Product code	Material – Corrosion class
CGT1-B Vertical Control Gap Tie	**-R2** Galvanised Z600 **-R3** Hot dipped galvanising **-R4** Stainless steel 316L

Test results

Galvanised Z600 / HDG

AS/NZS 2699.2:2020	CGT 1B (40mm Gap) Mean (range)
Preliminary Stiffness (kN/mm)	0.58 (0.40 – 0.74)
Serviceability Stiffness (kN/mm)	1.07 (0.76 – 1.39)
Peak Load (kN)	
Mean Load	1.81 (1.66 – 2.04)
Characteristic Strength	1.49

Stainless steel 316L

AS/NZS 2699.2:2020	CGT 1B (40mm Cavity) Mean (range)
Preliminary Stiffness (kN/mm)	0.16 (0.11 – 0.29)
Serviceability Stiffness (kN/mm)	0.32 (0.25 – 0.41)
Peak Load (kN)	
Mean Load	3.18 (2.83 – 3.70)
Characteristic Strength	2.53

Installation