

PRODUCT CATALOGUE

Stone Cladding Clamp Systems

Stainless steel fixing systems for natural stone cladding facades — engineered for structural integrity, design flexibility and long-term corrosion resistance in every exposure zone.

A2 / A4STAINLESS
GRADES**50–
120mm**

LENGTH RANGE

4PRODUCT
SYSTEMS

PRODUCT OVERVIEW

Stone cladding **fixing solutions**

Canco's stone cladding clamp system makes a reliable, high-strength connection between natural stone panels and the structural substrate. Designed for both vertical and horizontal joint installation, it transfers tension and shear forces safely and predictably.

Available in A2 stainless steel for inland and urban buildings, and A4 grade for coastal and marine exposure — so the same system covers every corrosion zone on a project.

Approved for cracked and non-cracked concrete substrates. **Free on-site installation support and demonstration** included with every project.

PRODUCTS

SS Clamp
Z Anchor SF06
Sleeve Anchor
Through Bolt

MATERIALS

A2 stainless
A4 stainless
Carbon steel
Zinc plated

SIZES

50–65mm
80–120mm
M6 to M20
Custom lengths

THE RANGE

Four systems, **one facade package**

**Marble Angle**

Stone support bracket, 2.5mm, 20–25mm wide

**Z Anchor SF06**

Z-profile panel anchor for ventilated facades

**Sleeve Anchor (CSA)**

Through-fixture anchor, M6–M16, all substrates

**Through Bolt (CTB)**

Single-expander heavy duty, M6–M20

Supplied with every order

Material test certificate, batch traceability and a certificate of conformity.

Made to drawing

Non-standard lengths, widths and bracket profiles manufactured to your facade detail.

On-site support

Free installation demonstration, plus pull-out testing where the engineer requires it.

One system, every corrosion zone — from inland urban facades to fully marine exposure.

MADE IN INDIA

USE CASES

Where this system **is used**

Versatile fixing for natural stone facade and cladding work — on new build and retrofit alike.

01

Natural stone facades

Securing marble, granite, limestone and other natural stone cladding panels to reinforced concrete walls and structural frames.

02

Building exteriors

Exterior cladding on commercial, residential and institutional buildings that need weatherproof structural fixing.

03

Coastal environments

A4 grade stainless steel for marine and coastal zones — superior corrosion resistance in salt-laden air.

04

Vertical joint fixing

Installation at vertical panel joints, transferring shear loads in restraint-only or combined configurations.

05

Horizontal joint fixing

Load-bearing and restraint fixing at horizontal joints, with load shared equally across the Fsw/2 configuration.

06

Renovation & retrofit

Retrofitting cladding systems to existing structures, with free on-site demonstration and installation support.

Free on-site support and installation demonstration — peace of mind on every project.

SINCE 1967



PRODUCT 01 · STONE CLADDING CLAMP

SS Clamp & Marble Angle

A precision-manufactured stainless steel fixing device for natural stone cladding. It grips the stone panel at the joint and transfers both tension and shear loads back to the structure. Two length variants cover the full range of embedment depths, in A2 or A4 to suit the corrosion environment.

A2 Stainless

A4 Stainless

EN

Customer drawing

- Two variable-length versions — 50–65mm and 80–120mm
- A2 grade for inland and non-coastal zones
- A4 grade for coastal and marine environments
- Suits vertical and horizontal joint installation
- Free on-site support and demonstration available



Length range	50–65mm · 80–120mm
Thickness	2.5 mm
Width range	20–25 mm
Material	SS 304 (A2) · SS 316 (A4)

MARBLE ANGLE — SIZE REFERENCE

THICKNESS (MM)	WIDTH (MM)	LENGTH (MM)
2.5	20	20
2.5	20	25
2.5	20	30
2.5	25	30
2.5	25	40
2.5	25	50
2.5	25	60
2.5	25	70
2.5	25	100

Other sizes manufactured to drawing. Confirm panel weight, joint width and wind load with our technical team before specifying.



DESIGN FLEXIBILITY

Grades and **length variants**

The system is built around design flexibility. Two length variants cover the embedment depths found in modern stone facade construction, while A2 and A4 cover every corrosion zone from inland urban to fully marine.

A2 Hybrid stainless — non-coastal zones Ideal for inland and urban buildings. Excellent corrosion resistance in standard atmospheric conditions without the premium cost of A4.	A4 Marine grade — coastal zones Molybdenum-enhanced stainless for coastal and marine exposure. Superior chloride resistance for long-term durability in salt air.		
L1 50–65mm variable length Short-range variant for thinner substrates and close-tolerance installations where minimal protrusion from the wall face is needed.	L2 80–120mm variable length Long-range variant for heavier stone panels and deeper embedment, giving maximum pull-out resistance under high wind load.		
2 LENGTH VARIANTS	2 STEEL GRADES	9+ ANGLE SIZES	Free SITE SUPPORT

Flexibility to suit your design — two variable-length versions in A2 and A4, 50–65mm and 80–120mm, covering the full range of stone cladding applications.

Peace of mind

- ✓ Free on-site installation support
- ✓ Correct installation demonstration
- ✓ Test certificates with every shipment
- ✓ Manufactured in New Delhi since 1967

INSTALLATION GUIDE

Vertical and horizontal joint installation

Two proven configurations — restraint only, or combined load-bearing and restraint.

Vertical joint installation

At vertical joints the load $F_v = F_{sw}/1$ is distributed equally. Restraint-only fixings are supplemented by load-bearing fixings as the structural design requires. The clamp grips the panel edge and transfers force to the backing wall anchor.

$$F_v = F_{sw} / 1 \text{ — equal distribution}$$

Horizontal joint installation

At horizontal joints the load $F_v = F_{sw}/2$ is shared between the upper and lower fixings. Load-bearing and restraint configurations work together for maximum panel stability under combined wind and gravity loads.

$$F_v = F_{sw} / 2 \text{ — shared load}$$

FOUR STEPS ON SITE

01

Mark & drill

Mark fixing positions on the substrate. Drill to the diameter and depth required for the anchor type.

02

Insert anchor

Insert the sleeve or chemical anchor. Allow full cure time before applying any load to the fixing.

03

Fix clamp

Attach the SS clamp or marble angle to the anchor with the appropriate bolt. Check alignment to the panel joint.

04

Set stone panel

Position the panel onto the clamp. Apply full torque for complete engagement. Do not disturb during setting.

Our field team will demonstrate correct installation on your site, free of charge.

[ASK FOR A VISIT](#)

PRODUCT 02 · GENERAL FIXING ANCHOR

CAN Sleeve Anchor (CSA)

For brick, solid concrete, hollow block masonry and natural stone. Supplied fully assembled for through-fixture installation.

Advantages

- Ideal where hole marking and spotting is difficult
- Available in double sleeve and stainless steel
- Fully assembled — ready to install
- Unique sleeve design pulls down onto the fixture
- Carbon steel, zinc plated — through-fixture installation
- Wide range of anchor lengths available

Applications

- Timber to concrete — formwork, battens, bottom plates
- Ductwork, pipe brackets and cable trays
- Suspended ceilings
- Signs, handrails and gates
- Stadium seating, satellite dishes, shutters
- Site fixings where speed matters more than pre-setting

PRODUCT VARIANTS

CSA

Conical nut

CPSA

Projection bolt

CESA

Eye bolt

CHSA

Hook bolt





PRODUCT SPECIFICATION

CAN Sleeve Anchor — size reference

For brick, solid concrete, hollow block masonry and natural stone substrates.

BOLT SIZE	BOLT LENGTH (MM)	FIXTURE THICKNESS (MM)	INNER PACK (PCS)	MASTER PACK (PCS)
M6				
M6	40	2	100	1200
M6	65	25	100	1200
M6	85	45	100	1200
M8				
M8	40	3	100	1200
M8	50	3	100	1200
M8	60	10	50	600
M8	80	30	50	600
M8	100	50	50	600
M10				
M10	60	3	50	600
M10	75	15	50	600
M10	100	40	50	600
M10	130	70	25	30
M12				
M12	110	50	25	300
M12	150	90	20	160
M16				
M16	105	35	20	160
M16	110	40	10	80
M16	130	60	10	80
M16	150	80	10	80

* Where edge distance and spacing are below the standard values, reduce the loads by the factors given in the technical data sheet. Other lengths and stainless variants are made to order.

Wide range of anchor lengths — through-fixture installation for all substrate types.

MADE IN INDIA



PRODUCT 03 · HEAVY-DUTY ANCHORS

CAN Through Bolt (CTB)

Brick, concrete and stone — single-expander heavy-duty through bolt.

01

Easy through-fixture installation
Installed directly through the fixture into the base material — no pre-setting required. Ideal for series installation on site.

02

Difficult hole spotting
Used where marking out and hole spotting is difficult — the bolt drives through and expands in place in one operation.

03

Smaller drill hole
A smaller drill hole than equivalent anchors, which saves significant time across a large fixing count.

04

Tension zone approved
Suitable for tension zone applications — columns, racking, safety barriers, stairways and handrails.



● PERFORMANCE SHEET

BOLT SIZE	LENGTH (MM)	FIXTURE (MM)	PACK (PCS)
M6			
M6	40	2	100
M6	55	15	100
M6	85	45	100
M8			
M8	50	3	100
M8	75	20	100
M8	95	40	100
M8	115	60	100
M10			
M10	60	3	50
M10	80	20	50
M10	100	40	50
M10	120	60	50
M12			
M12	70	5	50
M12	100	20	25
M12	130	50	25
M12	180	100	25
M16			
M16	100	20	25
M16	120	40	25
M16	180	100	10
M16	200	120	10
M20			
M20	160	45	10
M20	200	85	10
M20	250	135	10



GET IN TOUCH

Fixing solutions built to last

Stone cladding systems for every substrate, environment and application. Send us your facade drawing or fixing layout and we will match the system — or manufacture to it.

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