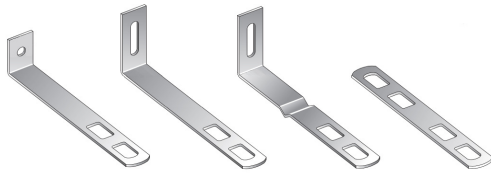

















Safety End Frame Cramps



Manufactured from 19mm x 2mm grade 1.4301 austenitic stainless steel to BS EN 10088-2.

Supplied in boxes of 200.

power-tie Safety End Frame Cramps are coded by end type, length and shank detail:

End1	End 2	Horizontal Length	End 2 detail	Drip (If required) 90mm from end of tie
SE 	SE 	xxx	SE Safety End 	V
SE 	FC 	xxx	30H 7mm hole 	V
SE 	FC 	xxx	50S 25 x 9mm Slot 	V
SE 	FC 	xxx	50H 6/9/6 mm Hole 	V
SE 	FC 	xxx	50P Plain 	V

Example

SEFC15030HV = Safe End Frame Cramp, 150mm projection, 30mm holed upstand, with V drip.

Standards and Conformity

BS EN 845-1 Specification For Ancillary Components in Masonry—Part 1: Ties, tension straps, hangers and brackets.

Reference	Declared Load N (125mm cavity)
	Tension
SESE—V	2665
SEFC—30HV	1135
SEFC—50SV (Lower)*	1515
SEFC—50SV (Middle)*	485
SEFC—50SV (Upper)*	255

*Slotted ties are fixed using a large washer.

Load capacity may be restricted by mechanical anchorage strength

Installation

Select length to ensure 62.5mm embedment into masonry.

Specify V drip for cross cavity application.

Safety End must be full embedded in mortar bed joint.

Holed or slotted ends may be fixed using suitable mechanical anchors, e.g. through bolt anchors for concrete or self-drilling self-tapping screws. Use large 30mm diameter washers to secure slotted frame cramp ends.

Use isolating sleeve 20021 or patch to prevent contact between stainless steel fixings and other metals.

Safety End Frame Cramps

Contact information

Technical:
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Expamet Health and Safety

1. IDENTIFICATION

Expamet Building Products Limited
Greatham Street
Longhill Industrial Estate (North)
Hartlepool TS25 1PR
United Kingdom
Tel: +44 (0)1429 866688
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2. COMPOSITION

Stainless steel 1.4301 to BS EN 10088-2: 2005

3. HAZARDS IDENTIFICATION

Possible cuts from steel edges.
Toxic and irritant fumes from high temperatures.

4. FIRST AID MEASURES

Skin and eye contact: treat cuts from steel edges as required.
Ingestion: not applicable.
Inhalation: remove from source of fumes and dust.

5. FIRE FIGHTING MEASURES

Non-flammable material.

6. ACCIDENTAL RELEASE MEASURES

Not applicable.

7. HANDLING AND STORAGE

Use suitable PPE when handling all products. Assess manual handling risks before lifting. All products should be stacked on firm level ground in dry conditions.

8. EXPOSURE CONTROLS

Wear personal protection such as gloves and safety goggles when handling products.
Some products may have a film of soluble cutting fluid after manufacture; therefore carry out personal hygiene, including proper washing of hands, after contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Construction products are supplied in various lengths, widths and gauges. Metallic grey appearance.

10. STABILITY AND REACTIVITY

All products are stable under normal conditions but if subjected to high temperatures, fumes are produced.

11. TOXICOLOGICAL INFORMATION

High temperatures can produce fumes.

12. ECOLOGICAL INFORMATION

No known hazard.

13. DISPOSAL CONSIDERATIONS

Recycle or dispose of in accordance with Waste Management Licensing Regulations.

14. TRANSPORT INFORMATION

Not classified as hazardous for transport.

15. REGULATORY INFORMATION

Construction products are articles therefore not subject to CHIP3.

16. OTHER INFORMATION

All products must be installed in accordance with Expamet Building Product's published instructions.
This Health and Safety Data Sheet is not a product specification guide.

Any arrangement of Expamet Construction products shown in this datasheet is indicative only. Actual fixing installations must comply with current Health and Safety requirements.

Expamet operates a continuous development programme and we reserve the right to amend specification with prior notification

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