



C4 RESTRAINT KIT

The C4 GY-System range of braces are designed for medium/heavy duty brace applications and can be used as a solution for new or retro-fit installations to non-structural components in corrosive environments.

Utilising Zip-Clips Extreme range, specifically designed for a C4 environment, our clips are manufactured from solid, one-piece injection moulded Zamak 3 Zinc alloy, uniformly plated with electroless Nickel, achieving market-leading corrosion resistance.

BRACE CAPACITY

KL200/C4 average MBL	11.24kN
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AVAILABILITY

Part Number	Description	Bag Qty
SBN2B/C 4	2 mtr C4 GY-system	2
SBN3B/C 4	3 mtr C4 GY-system	2
SBN5B/C 4	5 mtr C4 GY-system	2



TESTING

All Zip-Clip bracing systems have undergone 3rd party, static strength testing to determine brace capacities, conducted by SATRA Technology UK in compliance with ASTM A1023 and ASTM A931.

Specified for a design life of 40 years in a C4 environment following extensive, 3rd party cyclic testing activity. Cycles totaling over 2230 hours of accelerated exposure.

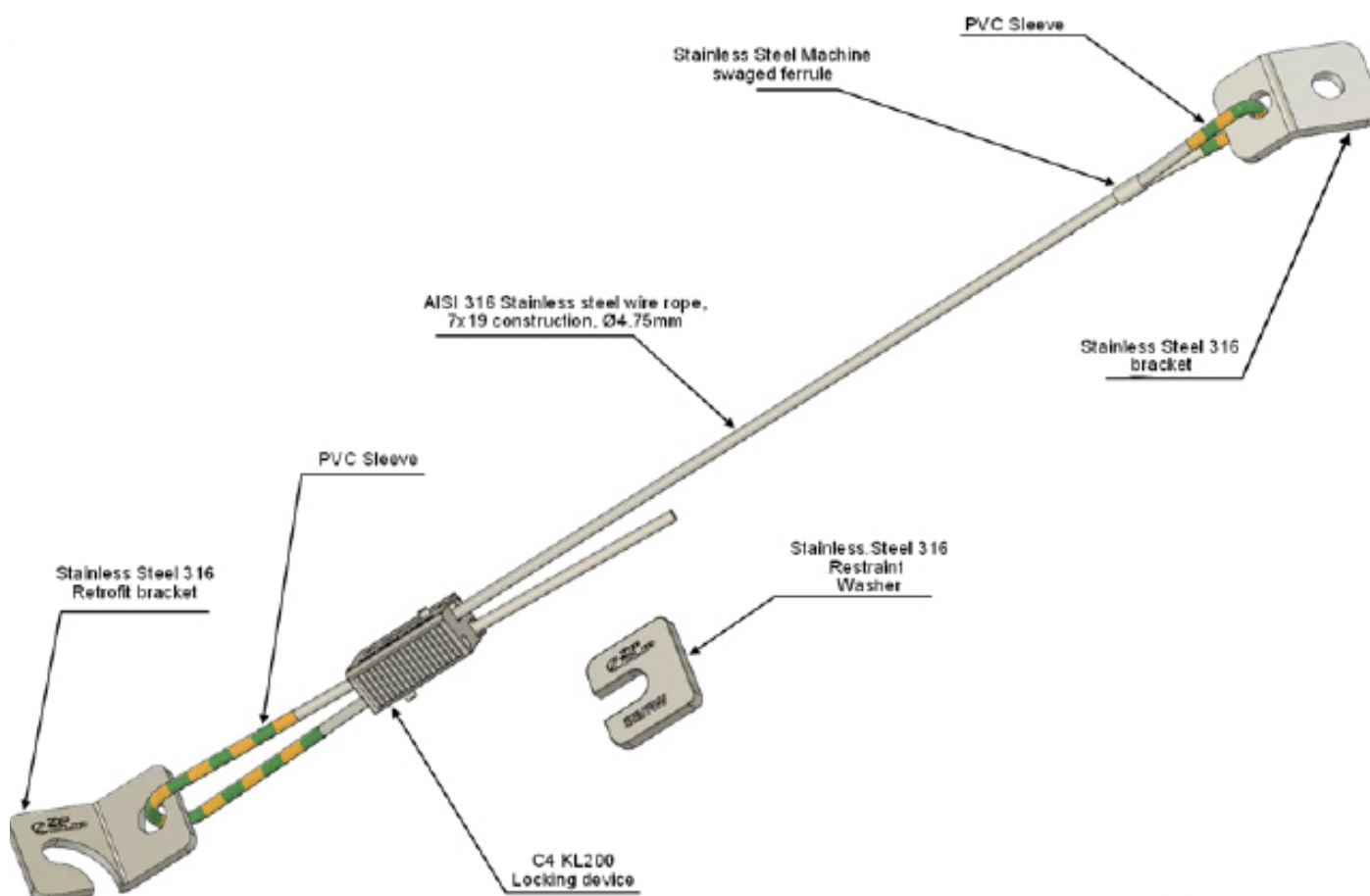
Test criteria demanded: UV & condensation exposure, Salt spray exposure, Low-temperature exposure, rotated cyclically through all exposure stations for 10x complete cycles as per the following standards:

- ISO 12944-6:2018 C4 very high (Condition classification).
- ISO 6270-1:2017
- ISO 4628-2:2016, ISO 4628-3:2016, ISO 4628-4:2016, ISO 4628-5:2016.

For further information on Zip-Clip Atlas bracing solutions, or to discuss your specific application,
Tel: +44 (0) 1686 623 366 • Email info@zip-clip.com

COMPONENTS

Bracket	316 Stainless steel
Ferrule	316 Stainless steel
Wire rope	Ø5mm AISI 316 Stainless steel 7/19 Construction
PVC Sleeve	Green/Yellow PVC For floor level identification
Washer	316 Stainless steel
C4 KL200 Locking device	Zamak 3 injection moulded Zinc body, uniformly plated in electroless Nickel Stainless steel 304 springs Stainless steel 304 pins Sintered locking wedge corrosion resistant Ancorloy 2
Retrofit bracket	316 Stainless steel

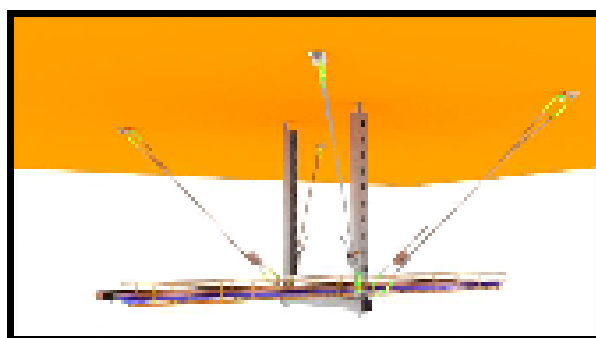
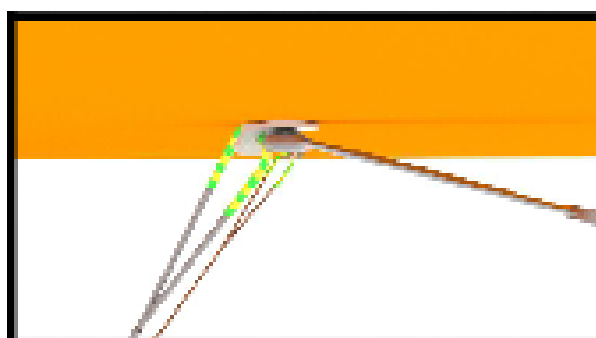
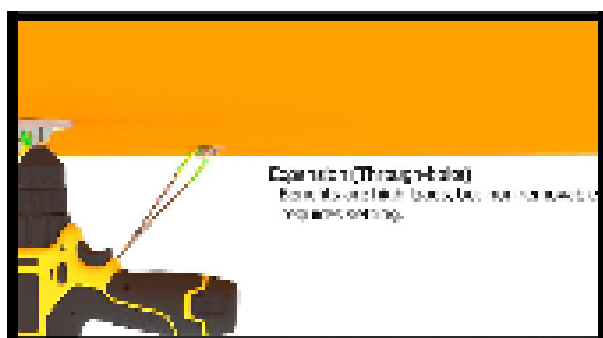
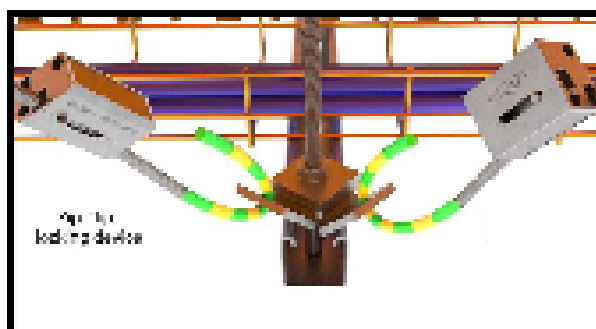
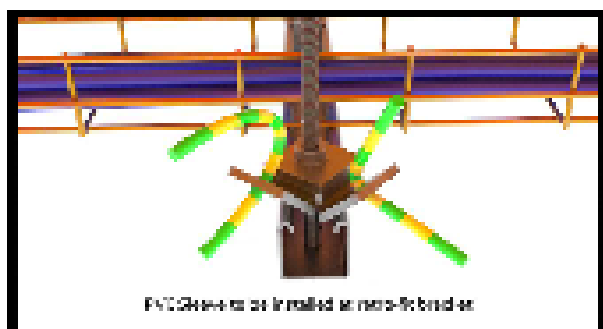
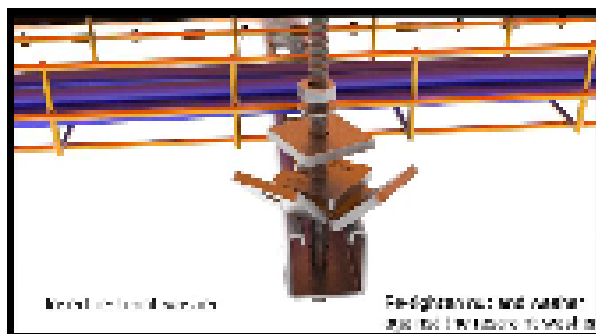
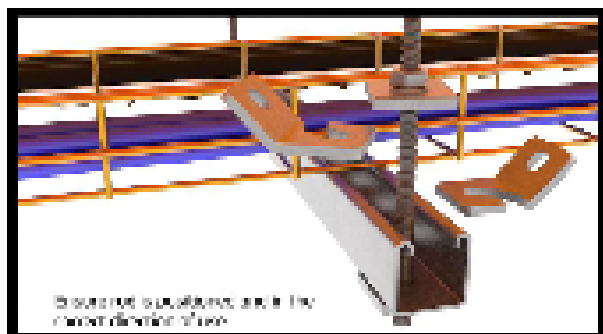


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INSTALLATION

1. Attach bracket to ceiling structure with appropriate anchor as per manufacturers instructions, and structural engineers recommendations.
2. Fit retro-fit bracket to existing primary support. Ensure restraint washer is included, and bracket orientation is in-line with the brace.
3. Pass wire rope through the Zip-Clip locking device.
4. Feed on additional pvc sleeve.
5. Loop wire through available hole in the retrofit bracket and position PVC sleeve against the through hole.
6. Feed wire back into the Zip-Clip locking device.
7. Apply tension by hand.

Coil excess wire and secure to main brace, if necessary trim excess leaving 150 mm tail.



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