Technical Data Sheet

ACS
B4 Stem

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Product summary

The B4 Soffit Fix Stem is used in conjunction with One Way and Two Way ties to tie the inner and outer leaf to structural steelwork or concrete where a movement joint is required. They provide lateral restraint while allowing vertical movement. The B4 Soffit Fix Stem is positioned within the cavity. It is then fixed through two 7mm or 10mm holes to the underside of the structure. Sliding ties are positioned to suit the wall coursing.

A range of standard sizes are available but can be manufactured to suit customer requirements. The B4 Anchor is designed to service a maximum applied load of 1.5kN. All capacities of the product are based upon the first tie being within 75mm of the top of the stem.

Both the stem as well as the ties are manufactured from Grade 304 Stainless Steel.

Performance

Testing has been performed at Lucideon on the tie connection with the following essential characteristics. The relevant factor of safety will be required to be applied to these figures to provide design capacities.

Embedment End

Compressive Load Capacity:	4171N
Tensile Capacity:	4314N

Conditions

Minimum Mortar Class:	M2 (iv) Mortar
Minimum Mortar Joint Width:	10mm

Fixings

Relevant datasheets of fixings for different substrates can be provided for approval.

ACS

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Get in touch to learn more about how ACS can help you deliver your next project.

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