



EN 845-1

Declaration of Performance

Certificate N^o 023CPR2013

ACS hereby declares that the product range identified as,

The ACS 1000/275 Range Tie - 275mm Long

conforms with the requirements of the EU Construction Products Regulation 305/2011 and Annex ZA of EN 845-1: 2013 as a symmetrical tie as described within this standard.

Intended Use: The ACS 1000/275 Range Tie is designed to allow two leaves of masonry to be tied together over a cavity range of between 126-150mm.

Designed and Manufactured by: ACS Stainless Steel Fixings Ltd
N^o1 Cross Green Industrial Park
Leeds
West Yorkshire
LS9 0SG
United Kingdom

System of Assessment and Verification: System 3

Tests were performed by UKAS Accredited, Notified Laboratory: CERAM Research Limited
Queens Road, Penkhull
Stoke-on-Trent
Staffordshire, ST4 7LQ
United Kingdom
Tel: +44 (0) 1782764444

Notified Body Number: 1289

Tests were performed in line with requirements of BS EN 846-5:2000.

The CE Mark affixed to the product is accordance with Directive 93/68/EC.

Essential Characteristics:

Compressive Load Capacity:	1240N (M2 (iv) Mortar)	δ @ 1/3 Declared Value = 0.16mm
Failure Mode:	Bending of Tie	
Tensile Load Capacity:	1910N (M2 (iv) Mortar)	δ @ 1/3 Declared Value = 0.25mm
Failure Mode:	Straightening of Tie	
Durability:	Material or Coating Reference:	R3 (1.4301 Stainless Steel)
Dangerous Substance:	None	NPD

Conditions:

Minimum Mortar Class:	M2 (iv) Mortar
Minimum Mortar Joint Width:	10mm
Recommended Spacing:	Refer to PD 6697:2010

Declaration made by:

David Flannery, Managing Director, 23/01/2014



D.O.P. 023CPR2013

