Declaration of Performance

CASWICK
Part of the Afinitas Family

Declaration of Performance according to Annex III of EU Regulation 305-2011

Document Number:	DOP-S1en
Document Revision:	A
1. Unique identification code of product-type:	Plastic encapsulated manhole step manufactured in accordance with harmonised product standard BS EN 13101:2002 of types C & D, class I & II, materials MST, SST, MSS, SSS.

2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4) (as described on packaging label):

Code	Description
S3006B	Step 300 28 x 68 no flange blue
S3006L	Step 300 28 x 68 no flange lime
S3006Y	Step 300 28 x 68 no flange yellow
S3007B	Step 300 28 x Grab A no flange blue
S3007L	Step 300 28 x Grab A no flange lime
S3007Y	Step 300 28 x Grab A no flange yellow
SS404	Step 320 20 x 70 Yellow
S3002B	Step 300 28 x 68 with flange angle Blue
S3002Y	Step 300 28 x 68 with flange angle Yellow
S3301Y	Step 330 28 x 65 no flange
S3302L	Step 330 28 x 65 flange angle Lime
S3302Y	Step 330 28 x 65 flange angle Yellow
SS251	Step 320 28 x 65 Caswick Orange
SS253	Step 320 28 x 65 Caswick Yellow
SS254	Step 320 28 x 65 with flange angle
SS219	Step 320 12 x 150 Stainless Threaded
SS246	Step 320 Harpoon 70 Yellow
SS249	Step 320 Harpoon 70 Orange
SS252	Step 320 28 Castin Stainless
SS255	Step 320 28 x 68 Castin Black
S3304Y	Step 330 28 x 68 with flange angle
S3306L	Step 330 20 x 68 no flange lime
S3306Y	Step 330 20 x 68 no flange yellow
S3307L	Step 330 28 x Grab A no flange Lime
S3307Y	Step 330 28 x Grab A no flange Yellow
S3316Y	Step 330 28 x 68 no flange (150 proj)
SS218	Step 320 Stainless 100 x M16
SS204	Step 320 12 x 150 Stainless
SS402	Step 320 Brick
SS400	Step 320 26 x 80 Yellow

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S33E8Y	Step 330 Euro 125 28 x 68 yellow
SBS10	Step 330 Euro 28 x 68 14 deg
SS700	Step 320 ladder 200 28 x Grab B
SS710	Step 320 ladder 150 28 x Grab B
S3003B	Step 300 28 x 65 flange flat blue
S3003Y	Step 300 28 x 65 flange flat yellow
S3303L	Step 330 28 x 65 with flange flat Lime
S3303Y	Step 330 28 x 65 with flange flat Yellow
S3304Y	Step 300 28 x 68 flange angle
S3305Y	Step 300 28 x Grab A flange angle
S3305Y	Step 330 28 x Grab A with flange angle
SS231	Step 320 12 x 100 stainless threaded M12
SBS20	Step 330 Euro 28 x 68 0 deg
S33E1Y	Step 330 Euro 28 x 68 0 deg Yellow
S33E3Y	Step 330 Euro 28 x 65 Flange Flat Yellow
S33E3B	Step 330 Euro 28 x 65 Flange Flat Blue
S33E3L	Step 330 Euro 28 x 65 Flange Flat Lime
SBS40	Step 330 Euro 28 x 65 Flange Flat Green
S33E2B	Step 330 Euro 28 x 65 flange angle Blue
S33E2L	Step 330 Euro 28 x 65 flange angle Lime
S33E2Y	Step 330 Euro 28 x 65 flange angle Yellow
SBS30	Step 330 Euro 28 x 65 flange angle Green
S3015Y	Step 300 28 x 68 (150 proj)
S33E4B	Step 330 Euro 28 x 68 Flange Angle Blue
SBS50	Step 330 Euro 28 x 68 (25) Flange Angle Green
S33E5B	Step 330 Euro 28 x Grab A Flange Angle Blue
SBS60	Step 330 Euro 28 x Grab A Flange Angle Green
SS227	Step (5) 320 28 x 68 Black
SS229	Step (5) 320 28 x 68 Yellow
SS226	Step 320 28 x Grab A Black
SS230A	Step 320 28 x Grab A Yellow
SS230B	Step 320 28 x Grab B Yellow
SS202	Step 320 28 x 73T Caswick
SS211	Step 320 28 x 73T Blue
SST30	Step 300 Euro 28 x 65 Flange Angle
SBS80	Step 300 Euro 28 x 68 0 deg
S30E8Y	Step 300 Euro 125 28 x 68 Yellow
S3016Y	Step 300 28 x Grab B (150 proj)
SBS70	Step 330 Euro 28 x Grab A no flange
SS510	Step 330 26 x 80
SS245	Step 320 28 Castin Stack SYM
SS250SYM	Step 320 28 Castin SYM
SS257	Step Stainless 150 x M16
SS611	Step 300 Threaded Flange Angle Washer Nut
SS601	Step 300 Threaded Flange Flat Nut
SS258	Step 320 Stainless 200 x M16
SS405	Step 320 20 x 70 Stainless

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3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification as foreseen by the manufacturer:

To be used as a means of access in manholes and other underground man entry chambers to facilitate entry and exit.

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):

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5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):

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Email: info@caswick.co.uk

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in annex V: System 4

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard: Not applicable due to system 4

8. In the case of declaration of performance concerning a construction product for which a European Technical Assessment has been issued: Not applicable

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9. Declared Performance

Essential characteristics	Performance	Harmonised technical specification
Width of tread	T≥20mm	EN13101:2002 clause 4.3.2.2 c)
Stand-off-distance	P≥120mm	EN13101:2002 clause 4.3.2.2 e)
Vertical loading	Deflection ≤ 10mm at 2kN Deflection ≤2mm after 2kN Deflection ≤10mm after 4kN	EN13101:2002 clause 4.3.7
Pull-out/anchorage	5kN ≥ 60 seconds	EN13101:2002 clause 4.3.9
Impact	20kg from 1 meter	EN13101:2002 clause 4.3.10
Twist	Single ≤ 3mm Double ≤ 5mm	EN13101:2002 clause 4.3.6
Durability	Polypropylene copolymer ≥2.5mm thickness ≥1MΩ resistance	EN13101:2002 clause 4.3.5 EN13101:2002 clause 4.3.2.2 b)

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Alan Turner IEng MIMechE, Technical Manager

Signature:

Date: 22nd June 2026

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