

# Declaration of Performance - SHIELDJOINT

<b>No:</b>	
1. Unique identification code of the product-type:	<b>SHIELDJOINT</b>
2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4) of the CPR:	<b>SHJO</b>
3. Intended use or uses of the construction product, in accordance with the harmonised technical specification, as foreseen by the manufacturer:	<b>IN-SITU CONCRETE SLAB PERMANENT JOINT FORMER</b>
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):	Isedio Ltd Unit 10 Jubilee Park, Badgers Cross Lane, Somerton, Somerset, TA11 7JF
5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):	Not Applicable
6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:	System 2+
7. In case of the declaration of performance of the construction product covered by a harmonised standard:	Not applicable. ETA-18/0148 issued 11/7/18
- name and number of notified body:	
- performed:	
- under system:	
- and issued:	

See SHIELDJOINT data matrix on page 2.

Classification	Property	Actual Values
System	Overall Length	1950mm ± 1.0mm
	Overall Depth	Fixed depth joints: 90mm upwards Adjustable depth joints: 90mm upwards with a 30mm to 50mm adjustable range
	Thermal Conductivity	Mild Steel 45 W/mK Stainless Steel 14 W/mK
	Recyclability	Metallic and plastic components are recyclable Closed cell polyethylene foam is not currently recyclable
Top Plate Sub-Assembly	Top Plate Material	Mild Steel Grade S275 to EN 10277-1 Stainless Steel Grade SS304 Stainless Steel Grade SS316
	Top Plate Width	105mm ± 1.0mm
	Top Plate Thickness	5mm ± 0.5mm
	Intermediate Plate Thickness	4mm ± 0.5mm
	Wing Plate Thickness	3mm ± 0.5mm
	Top Plate Straightness	1mm in 1000mm
	Hot dip galvanising coating	85 µm to EN ISO 1461:2009
Dowel	Dowel Material	Mild Steel Grade S275 (Yield Strength 275 N/mm <sup>2</sup> ) Mild Steel Grade S355 (Yield Strength 355 N/mm <sup>2</sup> ) Stainless Steel Grade 304 (Yield Strength 225 N/mm <sup>2</sup> ) Stainless Steel Grade 316 (Yield Strength 240 N/mm <sup>2</sup> )
	Dowel Thickness	6mm ± 0.5mm 8mm ± 0.5mm 12mm ± 0.5mm
	Dowel Width	100mm ± 1.0mm 150mm ± 1.0mm
	Dowel Length	100mm ± 1.0mm 150mm ± 1.0mm
	Dowel Spacing	488mm ± 1.0mm 650mm ± 1.0mm
Divider Plate	Divider Plate Material	Mild Steel DC01 to EN 10130:2006 Galvanised Mild Steel DX51D to EN 10346:2015 Stainless Steel Grade 304 Stainless Steel Grade 316
Sleeve	Material	ABS Polypropylene

*NPD = No Performance Determined*

The performance of the product identified in points 1 and 2 is in conformity with the declared performance. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

On behalf of the manufacturer by:

Date of Issue:

Shaun Spurrell  
Managing Director

8 August 2018