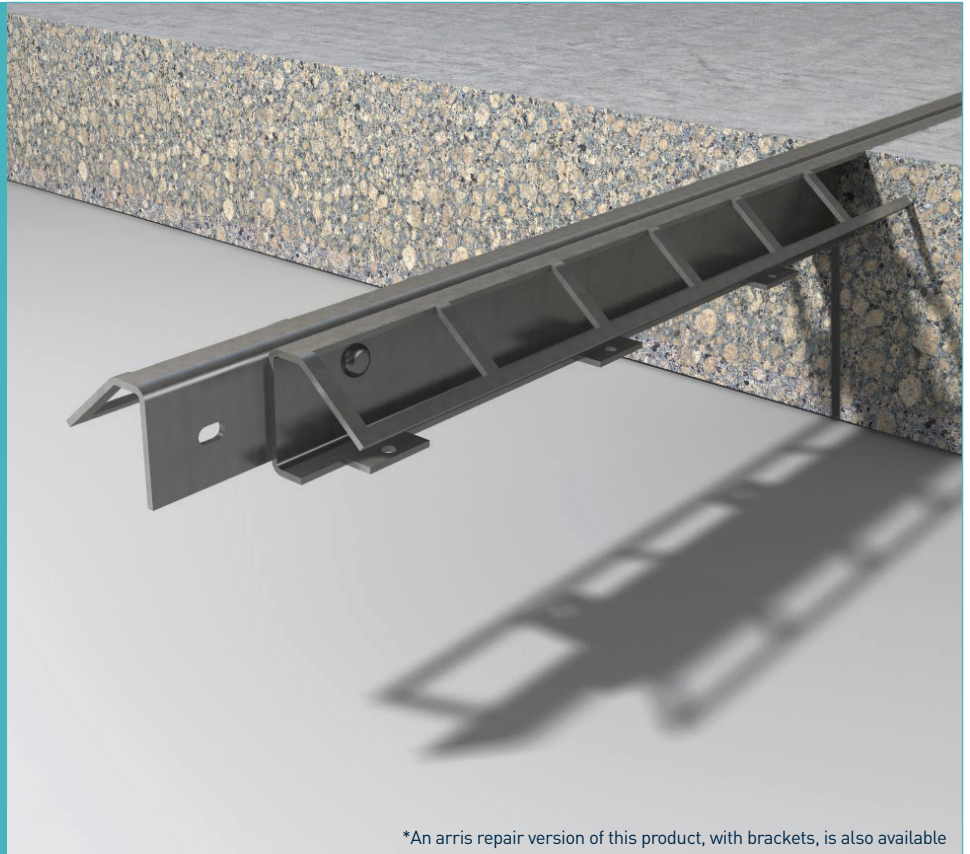


betaedge

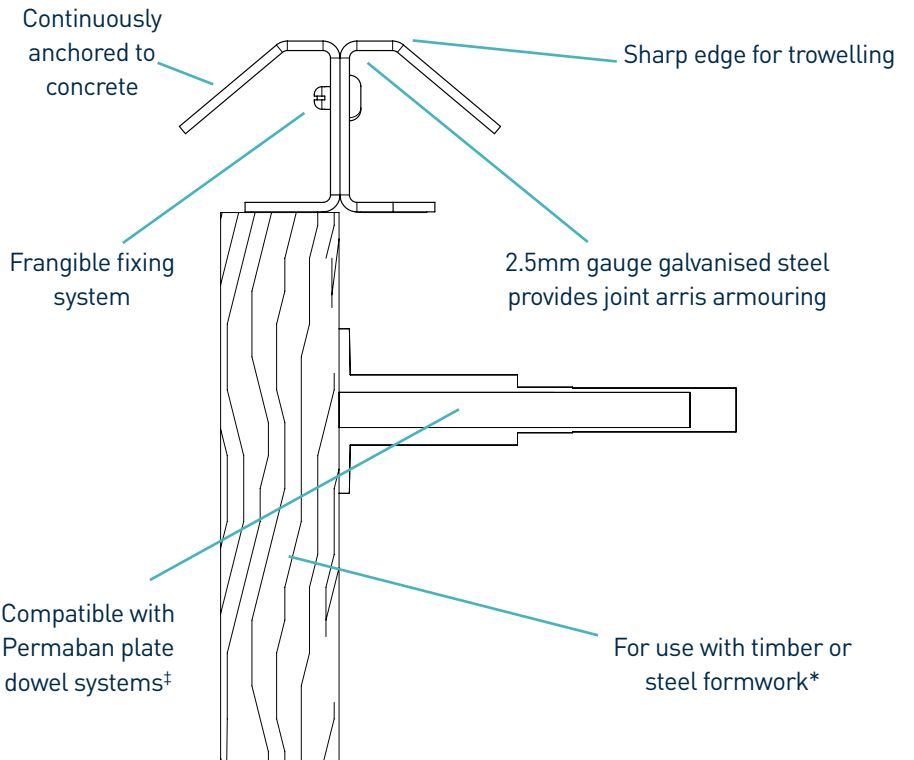
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betaedge



*An arris repair version of this product, with brackets, is also available

betaedge



*Not supplied

†available separately

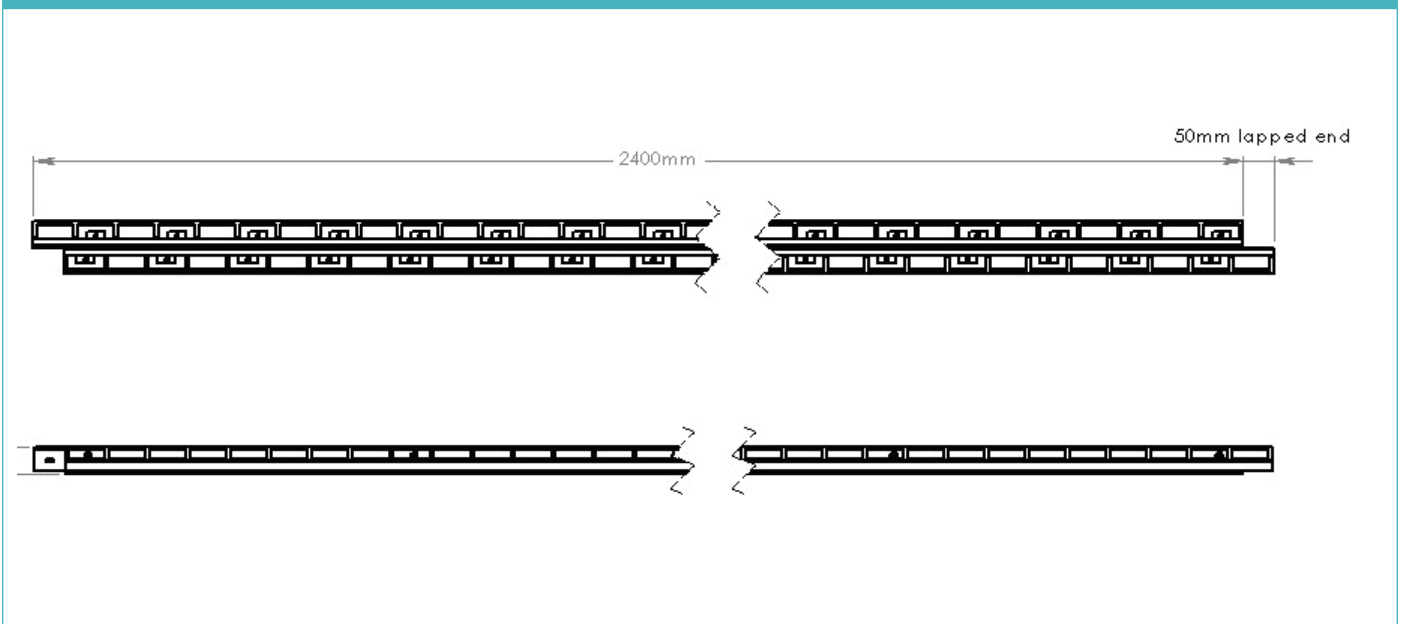
betaedge

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manufacturing tolerances

Length	±2.0mm	Height	±1mm	Straightness	±0.5mm/600mm
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dimensions of betaedge



dimensions and weight of betaedge

Joint Height, h (mm)	Length (mm)	Single Joint Weight (kg)	Number Per Bundle	Bundle Weight (kg)
45	2400	5.76	240	1502.4

Typical height and length values shown only. Weight values shown are approximate.

materials

Component	Material
Joint arris armouring	EN 10142:2000, DX51D

betaedge

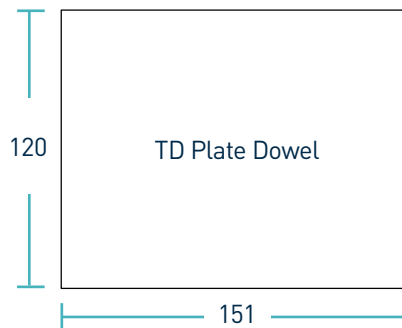
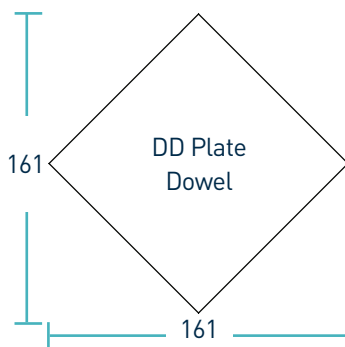
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manufacturing tolerances

Length ±2.0mm

Thickness ±0.4mm

dimensions of dowel systems



Dimensions in mm

*Available in 10mm

Square Dowel Bar

weight of packaging information

Dowel Type	Single Dowel Weight (kg)	Single Sleeve Weight (kg)
DD6 Plate Dowel	0.6	0.1
DD10 Plate Dowel	1.0	0.2
TD10 Plate Dowel	1.0	0.2
Square Dowel Bar	1.9	0.2

Weight values shown are approximate.

materials

Component	Material
Plate dowel	BS EN 10025-2:2004 S275JRG2 min 410 N/mm ²
Plate dowel sleeve	ABS
Square dowel bar	BS EN 10025-2:2004 S275JR
Square dowel bar sleeve	PP

betaedge

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theoretical calculated ultimate loads at failure of dowel or concrete

(10mm joint opening)		Unreinforced Slab	
Slab Depth (mm)	Dowel Type	Bursting	Bearing/Bending
150	DD6	38.9	103.8
	DD10	38.9	212.7
	TD10	31.2	168.9
	Square Bar	31.5	342.1
200	DD6	62.8	103.8
	DD10	62.8	212.7
	TD10	49.9	168.9
	Square Bar	42	342.1
250	DD6	61.7	103.8
	DD10	61.7	212.7
	TD10	72.6	168.9
	Square Bar	52.5	342.1
300	DD6	71.1	103.8
	DD10	71.1	212.7
	TD10	86.9	168.9
	Square Bar	63	342.1
350	DD6	79.4	103.8
	DD10	79.4	212.7
	TD10	84.5	168.9
	Square Bar	73.5	342.1

This table shows the load at failure in bursting (failure of the concrete) and bending (failure of the dowel) for a joint opening of **10mm** - larger joint openings can be accommodated. The ultimate load has been calculated in accordance with TR34 4th Edition. Dowel position taken at mid depth of slab. For more detailed analysis please contact RCR Flooring Products Ltd. *All design calculations should be verified by a suitably qualified structural engineer."

DD is not available in the following territories: Mexico, Canada, USA, Australia and New Zealand.



All content found within this datasheet is approximate. RCR Flooring Products Ltd reserves the right to amend this datasheet at any time. For further details, please contact RCR Flooring Products Ltd. RCR Flooring Products Limited is registered in England & Wales - No. 02815314.