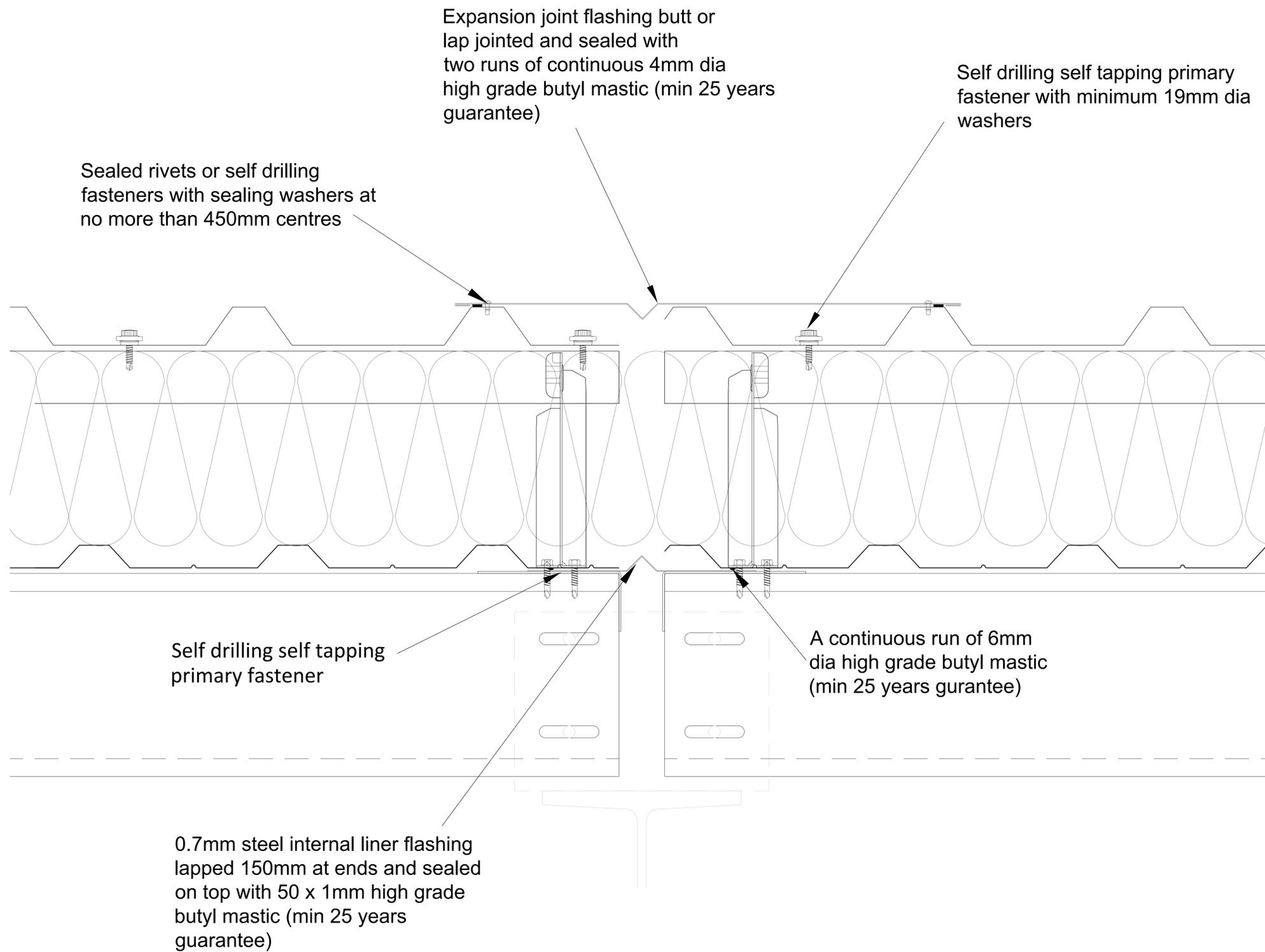


Tata Steel retain the right to amend the construction and technical specifications shown on this drawing without prior notice.



Expansion joint flashing butt or lap jointed and sealed with two runs of continuous 4mm dia high grade butyl mastic (min 25 years guarantee)

Self drilling self tapping primary fastener with minimum 19mm dia washers

Sealed rivets or self drilling fasteners with sealing washers at no more than 450mm centres

Self drilling self tapping primary fastener

A continuous run of 6mm dia high grade butyl mastic (min 25 years guarantee)

0.7mm steel internal liner flashing lapped 150mm at ends and sealed on top with 50 x 1mm high grade butyl mastic (min 25 years guarantee)

All support steelwork by others

**TRISOBUILD® U-VALUES**

The depth below refers to both the minimum bracket & insulation height to achieve the stated 'U' value

**PL1000 Liner**

Depth 140 = 0.30 W/m<sup>2</sup>K.  
 Depth 160 = 0.26 W/m<sup>2</sup>K.  
 Depth 180 = 0.24 W/m<sup>2</sup>K.  
 Depth 200 = 0.21 W/m<sup>2</sup>K.  
 Depth 220 = 0.19 W/m<sup>2</sup>K.  
 Depth 240 = 0.18 W/m<sup>2</sup>K.  
 Depth 260 = 0.16 W/m<sup>2</sup>K.  
 Depth 280 = 0.15 W/m<sup>2</sup>K.  
 Depth 300 = 0.14 W/m<sup>2</sup>K.  
 Depth 320 = 0.13 W/m<sup>2</sup>K.  
 Depth 340 = 0.12 W/m<sup>2</sup>K.  
 Depth 360 = 0.11 W/m<sup>2</sup>K.  
 Depth 380 = 0.11 W/m<sup>2</sup>K.  
 Depth 400 = 0.10 W/m<sup>2</sup>K.

**RL32 Liner**

Depth 140 = 0.32 W/m<sup>2</sup>K.  
 Depth 160 = 0.28 W/m<sup>2</sup>K.  
 Depth 180 = 0.25 W/m<sup>2</sup>K.  
 Depth 200 = 0.22 W/m<sup>2</sup>K.  
 Depth 220 = 0.20 W/m<sup>2</sup>K.  
 Depth 240 = 0.18 W/m<sup>2</sup>K.  
 Depth 260 = 0.17 W/m<sup>2</sup>K.  
 Depth 280 = 0.16 W/m<sup>2</sup>K.  
 Depth 300 = 0.15 W/m<sup>2</sup>K.  
 Depth 320 = 0.13 W/m<sup>2</sup>K.  
 Depth 340 = 0.13 W/m<sup>2</sup>K.  
 Depth 360 = 0.11 W/m<sup>2</sup>K.  
 Depth 380 = 0.11 W/m<sup>2</sup>K.  
 Depth 400 = 0.10 W/m<sup>2</sup>K.



**Building Systems UK**  
 A Tata Steel enterprise

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 www.buildingsystemsuk.co.uk

PROJECT		Typical Trisobuild R Detail	
TITLE		Expansion Joint	
DRAWN BY	LK	SCALE	NTS
APPROVED BY	PS	TOLERANCES	
DATE	02/06/23	DRG. No.	R1-038-01