

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

Stainless steel masonry fastener fixed at max 450mm centres

Lead flashing or similar

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

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

Continuous run of 4mm dia high grade butyl mastic (min 25 years guarantee)

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

WEATHER SIDE

Trisobuild® R cladding system

Self drilling self tapping primary fastener

Internal liner flashing sealed to lining panel with a continuous run of 6mm dia high grade butyl mastic (25 years warranty) stitched between supports at max 450mm centres

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)

Internal liner flashing sealed to wall using expandable foam tape and fixed using masonry fasteners at 450mm centres

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	RL32 Liner
Depth 140 = 0.30 W/m²K. Depth 160 = 0.26 W/m²K. Depth 180 = 0.24 W/m²K. Depth 200 = 0.21 W/m²K. Depth 220 = 0.19 W/m²K. Depth 240 = 0.18 W/m²K. Depth 260 = 0.16 W/m²K. Depth 280 = 0.15 W/m²K. Depth 300 = 0.14 W/m²K. Depth 320 = 0.13 W/m²K. Depth 340 = 0.12 W/m²K. Depth 360 = 0.11 W/m²K. Depth 380 = 0.11 W/m²K. Depth 400 = 0.10 W/m²K.	Depth 140 = 0.32 W/m²K. Depth 160 = 0.28 W/m²K. Depth 180 = 0.25 W/m²K. Depth 200 = 0.22 W/m²K. Depth 220 = 0.20 W/m²K. Depth 240 = 0.18 W/m²K. Depth 260 = 0.17 W/m²K. Depth 280 = 0.16 W/m²K. Depth 300 = 0.15 W/m²K. Depth 320 = 0.13 W/m²K. Depth 340 = 0.13 W/m²K. Depth 360 = 0.11 W/m²K. Depth 380 = 0.11 W/m²K. Depth 400 = 0.10 W/m²K.

Junction 'psi' and 'f' values

Ψ = 0.013 W/mK.
f = 0.96

Stated calculation results are dependent on components being as shown.
Computer modeled in accordance with EN ISO 10211



Building Systems UK
A Tata Steel enterprise

Technical Office - TEL : 01244 892199
www.buildingsystemsuk.co.uk

PROJECT

Typical Trisobuild R Detail

TITLE

Roof Verge to Brick Wall Abutment

DRAWN BY

LK

SCALE

NTS

APPROVED BY

PS

TOLERANCES

DATE

07/06/23

DRG. No.

R1-021-01

© Building Systems UK