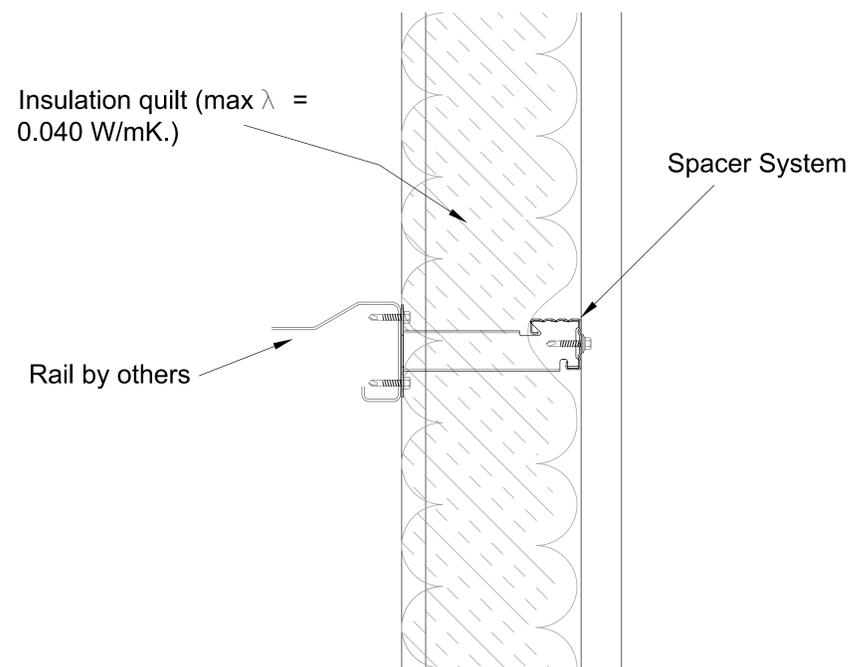
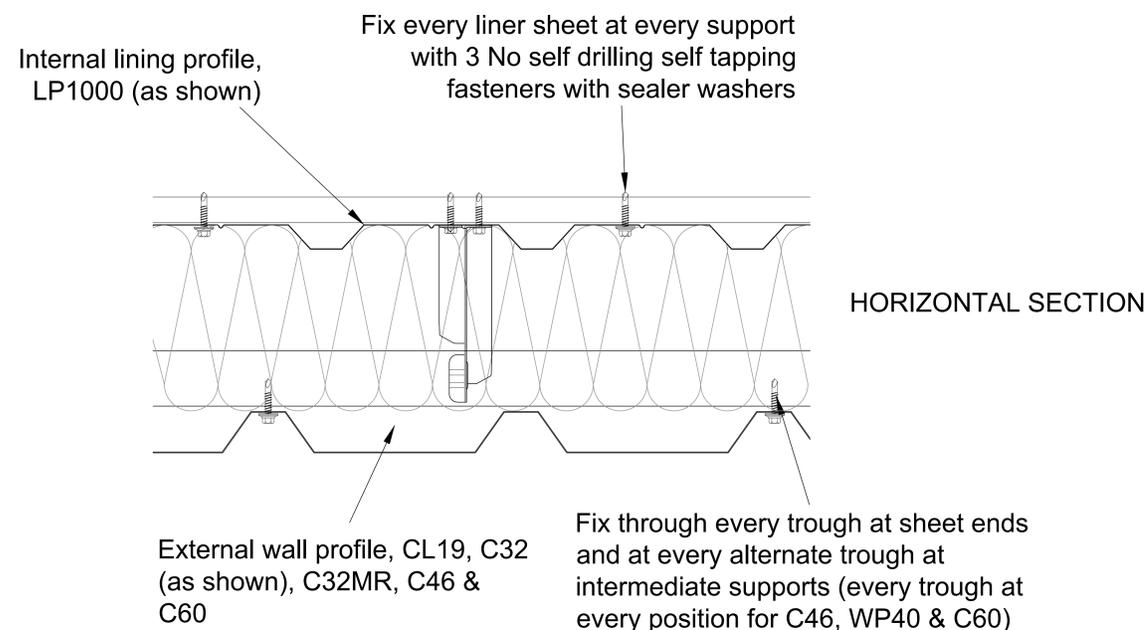


Tata Steel retain the right to amend the construction and technical specifications shown on this drawing without prior notice.



VERTICAL SECTION

| Trisobuild® VW | |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SYSTEM DESCRIPTION | Trapezoidal liner sheet with Spacer System, mineral fibre insulation, and trapezoidal external sheet with Colorcoat finish |
| FIRE PERFORMANCE | LPCB grade EXT-B & A approval, Non Combustible insulation to BS476 Part 6. Firewall Constructions available to BS 476 Part 22, providing up to 4 hours integrity & 30 mins insulation (see Built Up System Literature for more details) |
| ACOUSTIC PERFORMANCE | Provides a Typical Sound Reduction of 36dB when using standard glass fibre insulation (10.5kg/m ³), higher values are achievable depending on build-up specification |
| SYSTEM OPTIONS | Extensive outer and liner profile range (see sketch) - Outer Profile finishes; Colorcoat HPS200 Ultra, Colorcoat Prisma. Colorcoat LG Internal Profile coating; Colorcoat PE 15 (BWLE) |
| SPAN CAPABILITY | Up to 3 Metres Depending on Load Conditions, Profile type & material specification |
| DIMENSIONS | System Width: All liners are 1000 cover, External sheet cover width vary between 800 and 1067mm (depending on profile) Maximum external Sheet length: 22m (depending on profile & transport arrangements) |
| FASTENING SYSTEMS | Stainless Steel Self Drilling Screws with Sealing Washers. Coated Carbon Steel Screws Can Be Used Where a Lower life Expectancy is acceptable |



HORIZONTAL SECTION

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 when using a LP1000 liner

| | |
|--------------------------------------|--------------------------------------|
| Depth 140 = 0.30 W/m ² K. | Depth 240 = 0.18 W/m ² K. |
| Depth 160 = 0.26 W/m ² K. | Depth 260 = 0.16 W/m ² K. |
| Depth 180 = 0.23 W/m ² K. | Depth 280 = 0.15 W/m ² K. |
| Depth 200 = 0.21 W/m ² K. | Depth 300 = 0.14 W/m ² K. |
| Depth 220 = 0.19 W/m ² K. | |



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A Tata Steel enterprise

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PROJECT

Typical Trisobuild
VW Details

TITLE

Typical Vertical Wall
Arrangement

DRAWN BY

LK

SCALE

NTS

APPROVED BY

PS

TOLERANCES

DATE

02/06/23

DRG. No.

W1-002-02