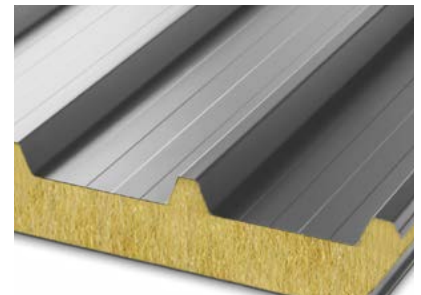
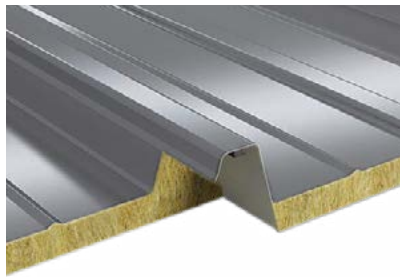


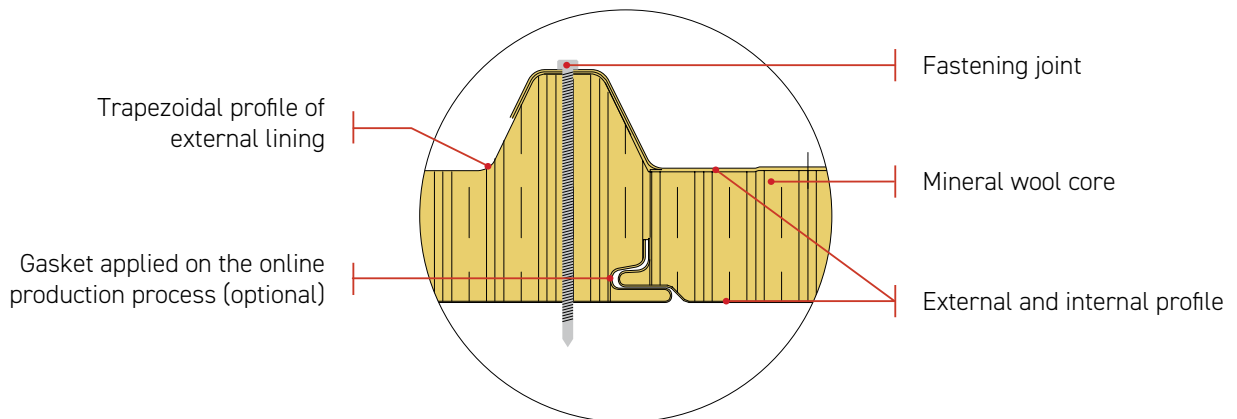
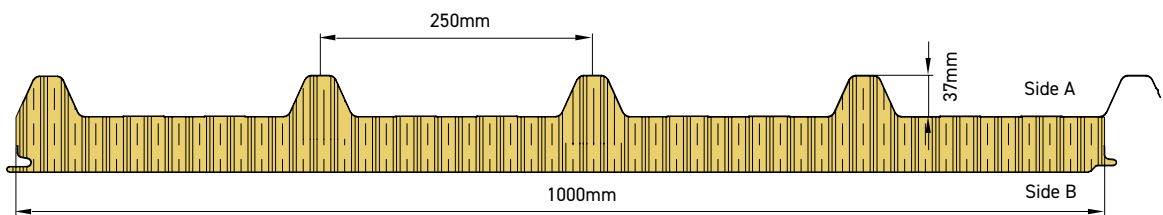
TRAPEZOIDAL PANEL (TGR)



Trapezoidal Panel (TGR) is an excellent solution for the inclined roof and wall with fire safety demands. The exceptional technical characteristics of TGR makes it highly suitable even for facade applications. Our panels are designed in a way that its formidable features offer water tightness, air tightness & structural integrity against the intermittent weather conditions.

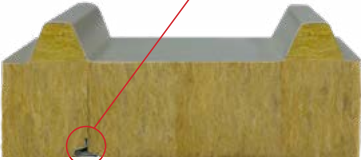
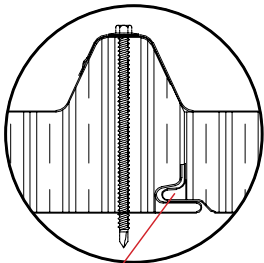


TRAPEZOIDAL PANEL (TGR) CONNECTION DETAILS





ROOF / WALL PANEL



External Profile

T

Internal Profile

S V P M

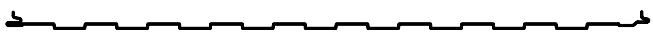
Trapezoidal
(37/250 - Standard)

T



Standard

S



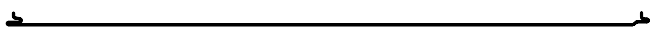
Lined

V



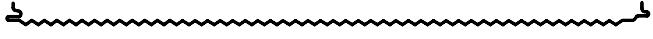
Smooth

P



Micro

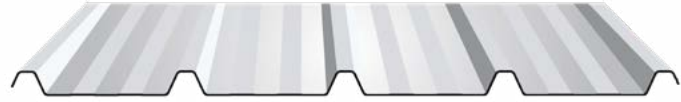
M



PROFILE (TGR) **S V P M** INTERNAL PROFILE **T** EXTERNAL PROFILE

TYPES OF PROFILES

T TRAPEZOIDAL (37/250 - STANDARD)



S STANDARD



V LINED



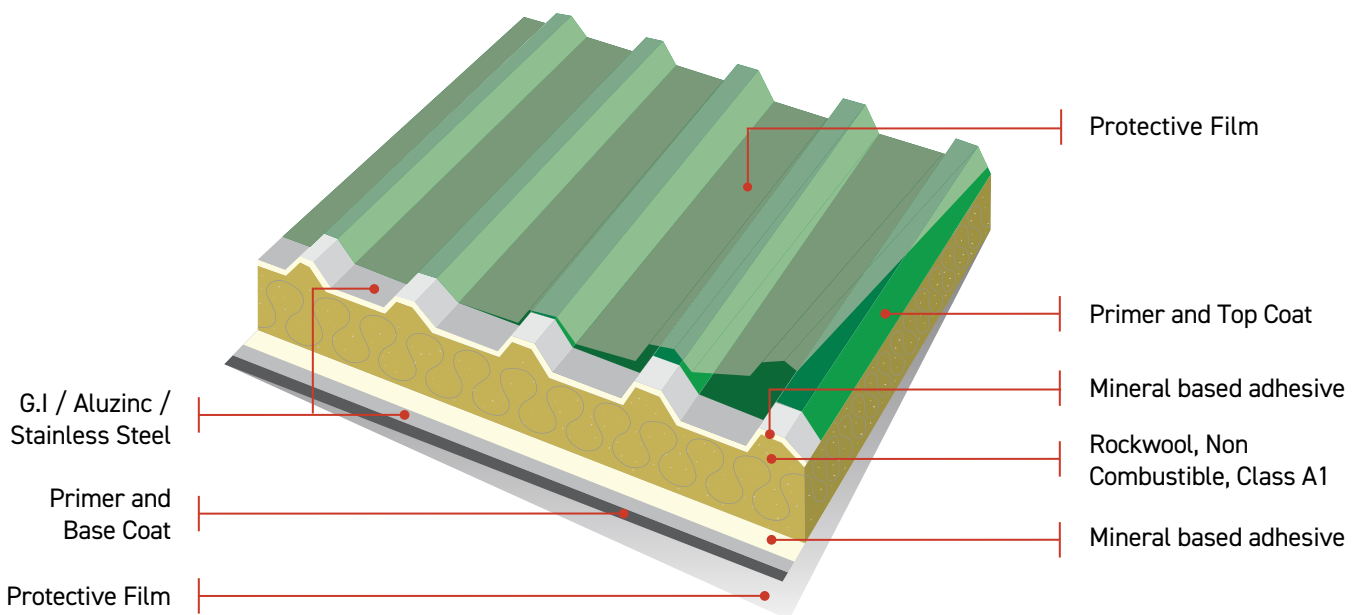
P SMOOTH



M MICRO



TRAPEZOIDAL PANEL (ROOF / WALL)



SPECIFICATION (TGR)

FEATURES

Standard covering width of panel is 1000mm.

Profile - 37/250 with 5 ribs on outer sheet.

Production flexibility at any ordered length up to 12m. Customized lengths upon special request.

Core thickness options 50-80-100-120-150-200mm thickness.

Insulation - Rockwool, Non-Combustible. Class A1, Density range 90-150kg/m3.

Pre-painted G.I, Aluzinc with thickness of 0.4mm – 0.8mm both sides.

Polyester, (Sil)Polyester, HDPE, PVDF, PUR(PA) coating systems are available in various colour options.

Usage in buildings that require fire safety, sound reduction & thermal insulation.

Roof applications with pitches ranging from 0° to 10°, Classified as Broof(t4).

U Value - Thermal transmittance ranges between 0.73 - 0.16 W/m²K depending on the panel thickness.

APPLICATIONS



External facades, roof,
wall & ceilings



Healthcare facilities



Logistics facilities



Office facilities



Agricultural facilities



Modular Units



Commercial and industrial facilities of
increased fire resistance requirements