



ALPHA ROOFING
+91-798-436-5282
alpharooftingindia@gmail.com
140, Vihav Trade Centre,
Near Waves Club, Bhayli,
Vadodara, Gujarat 391410
GST : 24ANYPP9527A1ZL
alpharoofting.in

Manufacturing Unit: Sy. No. 192. Nr. Matoda Patia, Changodar, Sarkhej-Bawla Highway, Ahemdabad -382 213.



A BRAND IS A VOICE &
A PRODUCT IS A SOUVENIR.

PU/PIR
EXTERNAL >
WALL/ROOF
< INTERNAL
WALL/CEILING



FIRE PROOF



COMPRESSION STRENGTH



SOUND PROOF



THERMAL INSULATION

ALPHA ROCKWOOL PANEL comprises of pre-fabricated composite sandwich panels with high density Rockwool insulation as core and profiled / plain colour coated Galvanised Steel / Galvalume steel sheet facing on both sides, complete with joint sealants and fixing ancillaries. ALPHA Rockwool Panel System provides one step solution in the form of Insulated walls and Roofing for easy quick construction of various structures like • Control rooms • Turbine-Generator Buildings • Power project buildings • Drivers & Ovens Insulation • Compressor rooms • Acoustic rooms • Other Industrial Buildings.

ALPHA Rockwool Panels are manufactured on the most modern continuous panel manufacturing technology and can be supplied in lengths upto 12m (limited due to restriction in transportation). Rockwool panels have very high sound proofing properties and are fire proof.

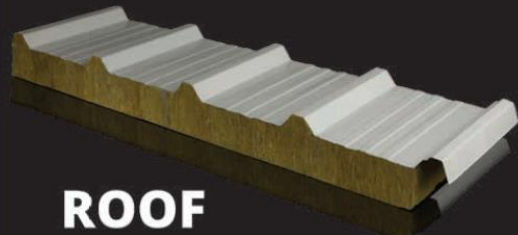
Benefits:

- Modular factory made with precision
- High sound absorbing capabilities
- Excellent fire properties for high-risk areas
- Quick and easy to install at the site.

ALFA FIREPROOF PANEL



WALL



ROOF

ALFA ROCKWOOL PANEL

The Fireproof Rockwool Sandwich Panel/PIR is one of the most economical solutions to achieve maximum protection against fire with a very simple installation. It can resist in contact with the fire for 120 minutes without losing its structural properties.

This protection is achieved with a quick and easy installation that takes advantage of the tongue and groove of the Sandwich Panels to achieve total insulation.

ADVANTAGES

**THERMAL
PERFORMANCE**

**SOUND
PROOF**

**ENVIRONMENT
FREINDLY**

Properties Insulation	Rockwool
Width - Wall	1150 mm
Width - Roof	1060 mm
Core Thickness (mm)	50 60 80 100 120
U Value (W/m ² K)	0.068 0.33 0.28 0.22 0.18
R Value (Btu / hr-ft ² - *F)	13 16 20 26 30
Facia Options	PPGI / PPGL
Density (Kg/M ³)	90 Kg/ M ³ (STANDARD) /100-120KG/M ³
Thermal Conductivity at 10 C0 Mean Temperature (W/m0K)	0.04
Compressive Strenght at 10% Deformation (Kg/cm ²)	0.50985
Bending Strength (Kg/cm ²)	0.7647
Melting Point	>1000 deg C
Water Absorption (Volume %)	Less than 1%
Sound Reduction (db)	28-30
Fire class	Non - Combustible



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ROOFING**

GSTIN: 24ANYP9527A1ZL

CONTACT: 798 436 5282

Office Address: Vihav Trade Centre, Near Waves Club 30 mt Bhayli Canal Ring Road, Bhayli, Vadodara, Gujarat 391410