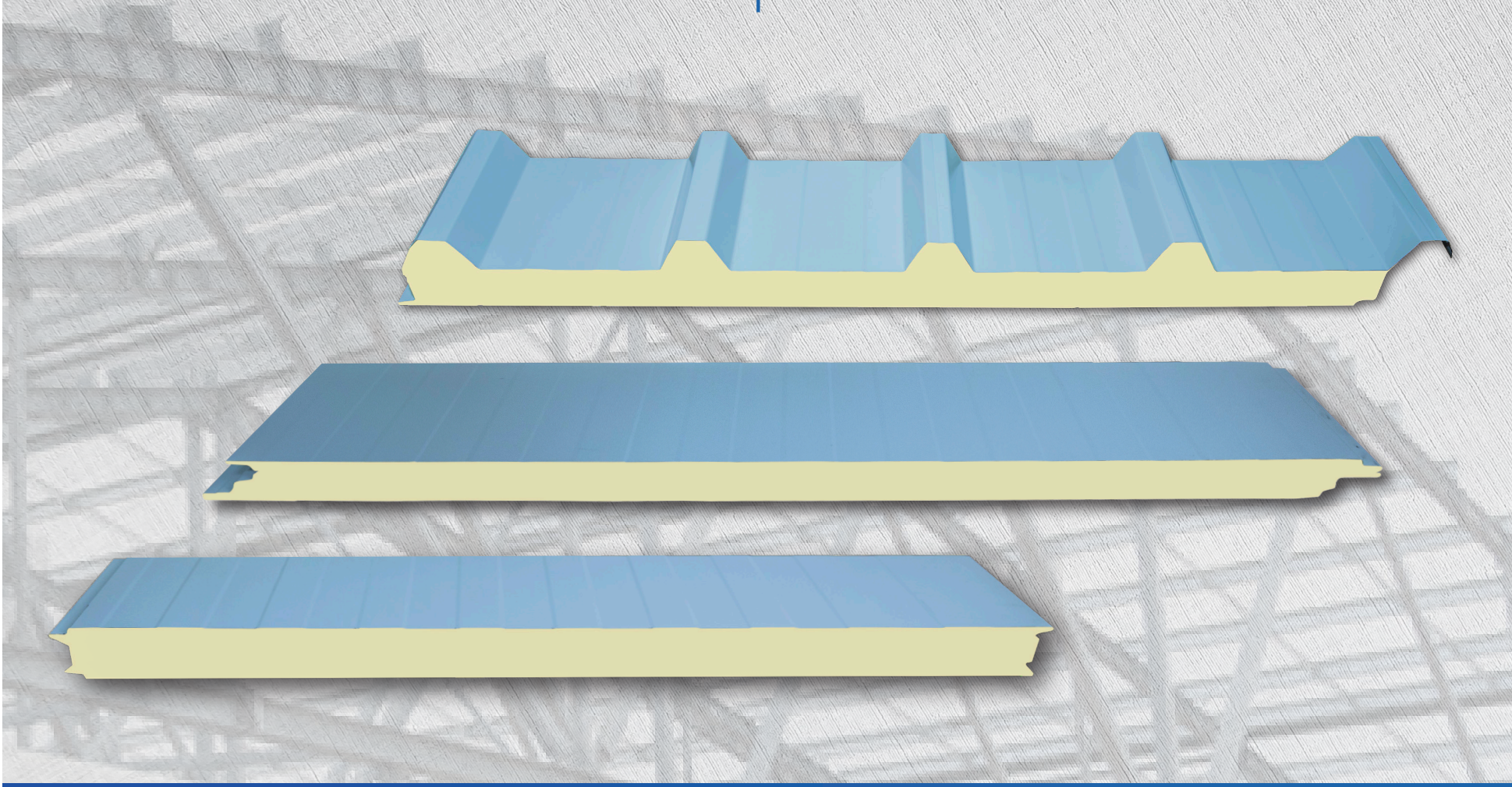




Structural Insulated Panels



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✉️ P.O. Box 271 - 00204, Athi River
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The **Safal Group** is Africa's largest supplier of Building Solutions that offer superior quality and lasting value to millions of customers on the continent. With businesses in Eastern and Southern Africa, we supply a diverse range of markets and customers with brands that are trusted to perform and are market leaders in their field.

The **Safal Group** has two fields of core expertise:

- Safal Technology, used in its Metal Coating businesses
- Safal Engineering, used in its Building Solutions businesses

Safal Building Systems Ltd (SBS) is a member of Safal Group that sells a range of brands which include:



SAFBUILD® Insulated Panels are manufactured at our world-class MRM integrated Steel facility in Mariakani, Mombasa. **SAFBUILD®** Insulated Panels provide superior insulation compared to traditional building materials. The insulated panels are strong and durable, making them ideal for use in a variety of applications.

2



Our novel and premier cold rooms offer a range of leading solutions with cooling and preservation products to serve the cold chain segment.



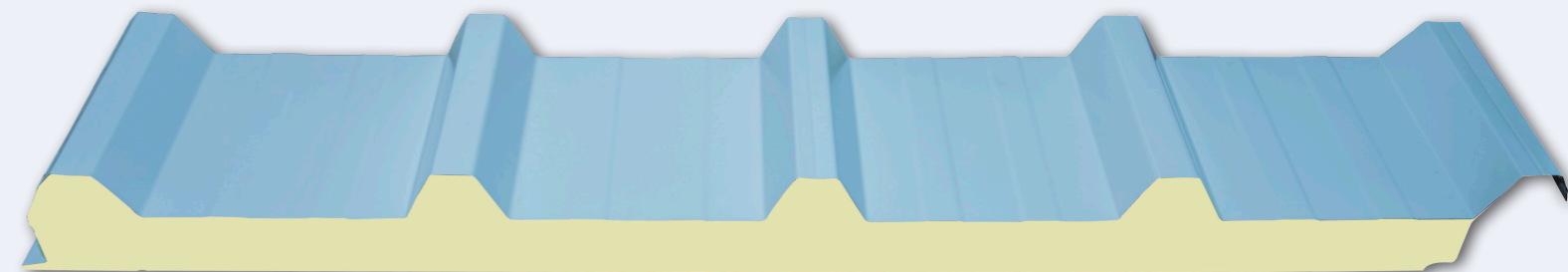
The world-class pre-engineered steel buildings (**PEB**) are designed, manufactured and supplied as complete buildings. **SAFBUILD®** PEB's are fast to erect, optimised, durable, and convenient to construct.



ULTRA-SPAN® is the brand name of our pre-engineered steel roof trusses manufactured from high tensile Zinca Steel of 0.5mm to 1.6mm thickness. Ultra-Span® is an advanced engineered solution that is quick and easy to deliver and assemble onsite. It is strong, durable, affordable and structurally stable.

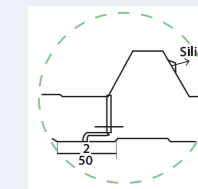


Our solar power solutions enable our commercial and Industrial customers to reduce their spending on electricity by using free solar energy to power the coolants. **SAFSOLAR®** offers customised power solutions for the coolants with low maintenance costs, no electricity bills and diverse coolant applications.



BOX PROFILE

The main differentiator for this roofing system is its ease of installation. Our customers also regard this as the best option for insulated roofing especially because of its formidability against condensation and its good thermal performance. The trapezoidal shape of the panel allows for possible combination with correlated flashings.



PIR/PUR - low Index λ=0.023	Panel thickness (mm) - X	30	40	50	60	80	100
	U - Value W / (m2.k)	0.697	0.546	0.449	0.380	0.292	0.238
	R - Value m2.k/W	1.434	1.832	2.225	2.632	3.428	4.199
	Weight Kg/m2	10.61	11.01	11.41	11.81	12.61	13.41

Available lengths:

2m - 12m

- **Protective film:** With or without guard film (upon request)

Steel sheet specifications

Description: Galvanized pre-painted steel sheets
 Zinc coating: 120 - 180 —275 grams per sqm
 Alu. zinc coating: 100 - 150 grams per sqm

Materials:

Insulation Core (PUR - Polyisocyanurate Core):
 Foam density 40kg/m3 According to EN 14509.

Standard colours:

White RAL 9002
 Blue RAL 5012
 Beige RAL 1014

Special Colours*

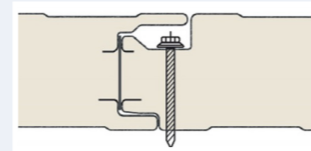
White RAL 9002
 Green RAL 6021
 Red RAL 1014
 Red RAL 3020
 Silver RAL 9006
 Gray RAL 7042

3



HIDDEN FIX WALL PANEL

These panels are the perfect choice for perimeter and partition walls. They also perform well when erected as lightweight façade cladding. Sandwich panels are used in applications where a combination of high structural rigidity and low weight is required.



PIR/PUR - low Index $\lambda=0.023$	Panel thickness (mm) - X	40	50	60	80	100
	U - Value W / (m2.k)	0.831	0.684	0.581	0.365	0.283
	R - Value m2.k/W	1.204	1.461	1.720	2.741	3.531
	Weight Kg/m ²	10.29	10.69	11.09	11.89	12.69

Available lengths:

2m - 12m

• **Protective film:** With or without guard film (upon request)

Steel sheet specifications

Description: Galvanized pre-painted steel sheets
Zinc coating: 120 - 180 —275 grams per sqm
Alu. zinc coating: 100 - 150 grams per sqm

Materials:

Insulation Core (PUR - Polyisocyanurate Core):
Foam density 40kg/m³ According to EN 14509.

Standard colours:

White RAL 9002
Blue RAL 5012
Beige RAL 1014

Special Colours*

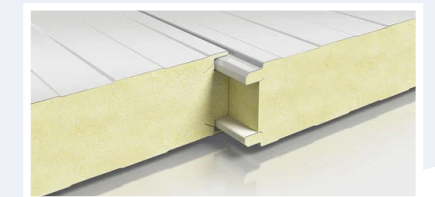
White RAL 9002
Green RAL 6021
Red RAL 1014
Red RAL 3020
Silver RAL 9006
Gray RAL 7042

4



COLD STORE PANELS

With an array of ideal features, our cold store panels offer optimal performance in various facets of the cold chain sector. They are perfect for large-scale industrial cold storage, the agricultural sector, meat and fish processing, the retail sector and more.



PIR/PUR - low Index $\lambda=0.023$	Panel thickness (mm) - X	40	50	60	80	100	120	150	200
	U - Value W / (m2.k)	0.643	0.517	0.420	0.311	0.248	0.208	0.167	0.126
	R - Value m2.k/W	1.555	1.934	2.382	3.217	4.027	4.813	5.976	7.944
	Weight Kg/m ²	9.95	10.35	10.75	11.55	12.35	13.15	14.35	16.35

Available lengths:

2m - 12m

• **Protective film:** With or without guard film (upon request)

Steel sheet specifications

Description: Galvanized pre-painted steel sheets
Zinc coating: 120 - 180 —275 grams per sqm
Alu. zinc coating: 100 - 150 grams per sqm

Materials:

Insulation Core (PUR - Polyisocyanurate Core):
Foam density 40kg/m³ According to EN 14509.

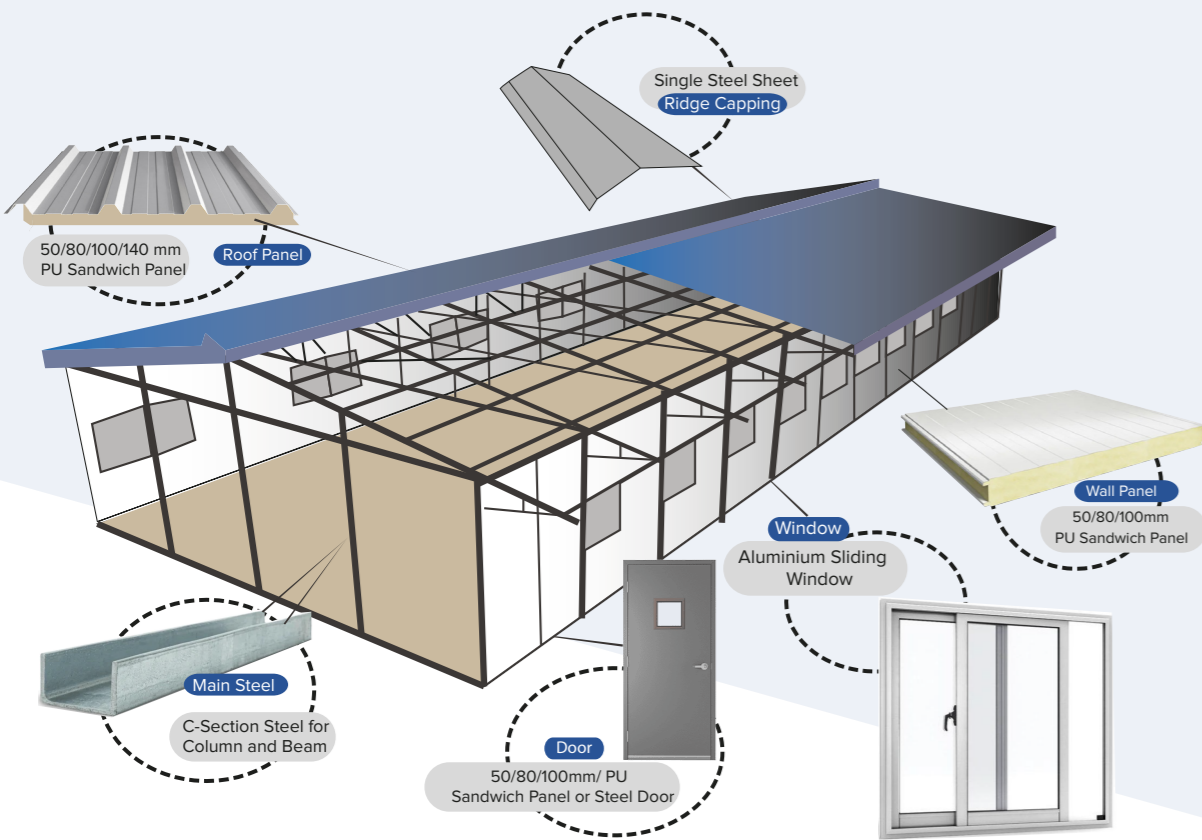
Standard colours:

White RAL 9002
Blue RAL 5012
Beige RAL 1014

Special Colours*

White RAL 9002
Green RAL 6021
Red RAL 1014
Red RAL 3020
Silver RAL 9006
Gray RAL 7042

5



Why choose our SAFBUILD® Structural Insulated Panels;

- Quick and efficient construction
- Allow for re-location
- Light-weight and sturdily built
- Provide acoustic insulation
- Easy to clean and maintain
- Eco-friendly with CFC-free insulation.
- Easy, neat, and clean site work
- Allows light fixtures, diffusers, pipes etc.
- Superior power and thermal-efficiency
- Hygienic
- Ideal for certification and approvals

Advantages of Insulation Panels



High Heat Insulation



Good Sound Insulation



Fire Resistance



Long Time Performance



Eco Friendly



Moisture Resistance

Key Differentiators



Manufactured in a world-class facility

MRM has an integrated Steel facility in Mariakani, Mombasa. The facility produces world-class metal and colour coated steel products from which we manufacture a wide range of Insulated Panel Solutions.



Turnkey Project Handling

Our team of professionals understand turnkey projects and guide the customer from the quotation stage all the way to final implementation, ensuring that their needs are fully met.

Segments we serve



Warehouse & Logistics



Pharma



Dairy & Ice cream



Horticulture



Poultry & Meat Industry



Ho Re Ca



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Talk to us today!

+254 788 20 20 20



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