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# deco roof®

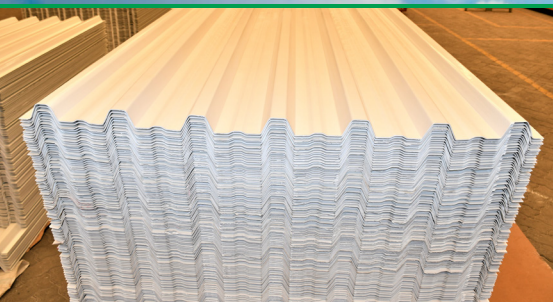
Proudly made in Kenya *by Sai Raj*



**deco roof** uPVC sheet is an all-round durable roofing solution, combining excellent resistance to chemicals, fire and impact. It endures harsh chemical environments where other roofing materials will quickly corrode, making it ideal for roofing, siding, and cladding applications in domestic, industry, agriculture, and construction.

**deco roof** is available in a variety of clear, translucent & ASA white in the engineered IT6 profile. It can be installed in Do-It-Yourself applications around the house using ordinary tools. With **deco roof**, you can be assured of quality products at competitive prices, excellent after sales, and an extensive distribution network throughout the whole of Kenya.

**Innovating Engineering - Renovating Life**

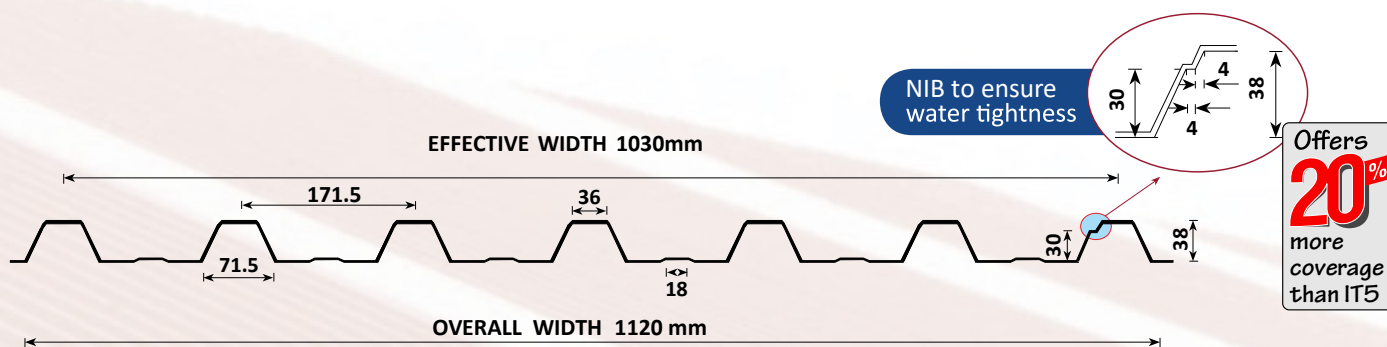


# deco roof® ANTI-CORROSIVE COMPOSITE CORRUGATED ENGINEERED UPVC ROOFING SHEET

deco roof® anti-corrosive composite corrugated uPVC roofing sheets are manufactured using a 2-layered co-extrusion technology, with composite layers of materials having specific functions.

1. The top surface material is composed of a coloured ASA anti-weathering layer, which ensures light fastness, does not fade with time and chemical corrosion resistance to withstand the test of time.
2. The under layer material is composed of white special patented additives, which ensure brightness, rigidity and an eco-friendly appearance.

## IT6 Profile



## Colour Guide



## Coverage Calculator

IT6 Profile  
 $\text{Width} \div 1.030 = \text{No. of sheets required}$

## Recommended Purlin Spacing

Thickness	Recommended Purlin Spacing	Recommended Overlap
2.5 mm	1.5 metres	200 mm

deco roof® uPVC sheets are available in 3 metre, 4 metre, 6 metre and 12 metre.

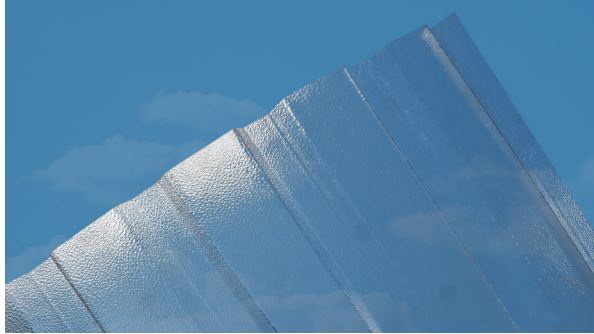
## ADVANTAGES

- 100% rust proof
- Excellent heat insulation
- Non-corrosive
- High chemical resistance
- Fire retardant - meets the highest standards
- Sound retardant
- UV & weather resistant
- Enables arched roofs & curved walls
- Requires minimal maintenance
- Impact resistant - virtually unbreakable
- Weather & UV resistant
- Great economical alternative to metal
- Safe for water harvesting

## APPLICATIONS

- Industrial structures
- Side lights & roof lights
- Garden greenhouses
- Industrial warehouses & storage buildings
- Residential houses
- Offices
- Patio coverings
- Swimming pool covers or enclosures
- Agricultural sheds & warehouses
- Do-it-yourself (DIY) projects
- Harsh chemical environments
- Dairy & poultry shelters
- Food processing & meat packing
- Loading sheds
- Aquaculture farms
- Kennels & stables
- Car & truck washes
- Storage sheds
- Canopies
- Pergolas
- Car ports

## CORRUGATED CLEAR POLYCARBONATE IT6



**deco roof**

Premium Quality Corrugated Clear **Polycarbonate** Sheet is a top-quality roofing panel offering excellent light transmittance and impact toughness. Lightweight and easy to install, it matches uPVC IT6 profiles for building, workshop, agriculture, and greenhouse roofs.

Its co-extruded UV coating blocks over 99% of UV rays, ensuring superior weather resistance that withstands extreme weather conditions.

### Benefits

- Highly impact resistant
- Energy efficient
- High light transmission
- Lightweight
- Easy to install

## CORRUGATED TRANSLUCENT FIBREGLASS IT6



**deco roof**

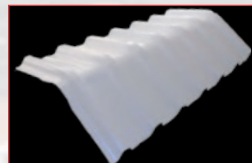
Corrugated Translucent **Fibreglass** sheets are high performance composite materials made from a polymer matrix reinforced with glass fibers. They offer high strength, low weight, and excellent corrosion resistance, making them ideal roofing and cladding for construction, warehouses, aquaculture.

The corrugated design adds rigidity and strength for stability in demanding environments.



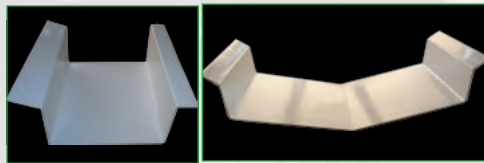
## ACCESSORIES

### Ridge Caps



IT6 Box Profile Ridge Caps

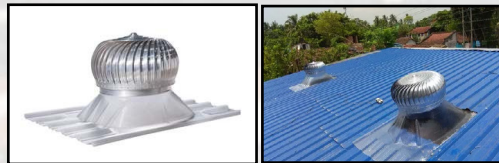
### Customized Fibreglass Gutters



End Gutter

Valley Gutter

### Stainless Steel Roof Ventilators



600mm Ventilator with soaker sheet

### Roofing Screws

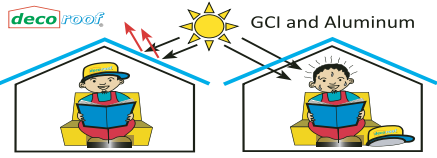


Self-drilling roofing screw & cap

### Barge Board



### Heat Thermal Performance



**deco roof** roofing sheets compared to other roofing materials i.e. GCI and aluminum, are an excellent heat insulator. **deco roof** provides a comfortable working environment by significantly reducing the interior temperature and humidity caused by intense sunshine in tropical countries. **deco roof** roofing sheets saves the exorbitant cost of installing mineral fiber wool with aluminum foil insulation.

### Excellent Weather Resistance & Lasting Color



No Rust! No Weathering! No Buildup! No Algae!  
**deco roof** roofing sheets are of extraordinary durability in the natural environment. The product raw material contains ultraviolet resistant absorbing agent, which prevents it from decomposing and weathering. With lasting physical and mechanical properties, **deco roof** roofing sheets ensures minimal fading in colour compared to other roofing materials, even if it is exposed to the extreme torrid sunlight in tropical countries.

### Good Sound Retardant



Compared to other roofing materials **deco roof** roofing sheet has a good sound absorbing effect.

### Strong Fire Retardant



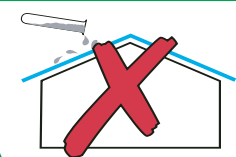
**deco roof** roofing sheets are self-extinguishing since they are composed of non-flammable materials.

### Recyclable & Environmental Friendly



After years of use **deco roof** roofing sheet can be recycled, as it does not contain any radioactive and asbestos elements, making it an Environmental friendly (green product)

### Excellent Corrosion Resistance



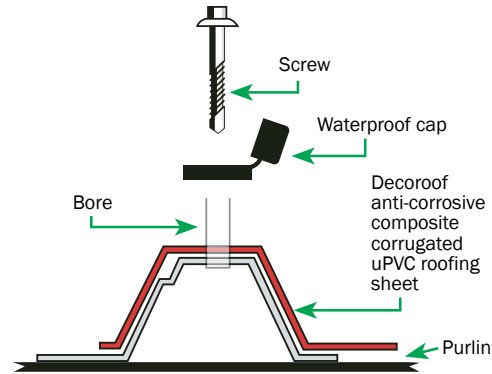
**deco roof** roofing sheet withstands corrosion of various chemical substances, such as acid, alkali and salt. **deco roof** is an ideal substitute to other roofing materials, to be used in acid rain afflicted regions, coastal areas and workshops with corrosive substances.

### Easy To Handle, Easy to Fix



**deco roof** roofing sheets are lightweight and easy to handle. Its complete mounting accessories facilitate installation and ensure efficient roofing.

### FIXING DETAIL



Test	Result	Protocol adopted
<b>Charpy Notched Impact Strength</b>	56J/m C(Complete break)	ASTM D6110-10
<b>Chemical Resistance</b>	Fading	With reference ASTM D543-14 and client's requirements
<b>Dimensional Stability</b>	X direction 0.6% Y direction 0.04%	ASTM D1204-14
<b>Flexural Test</b>	Flexural Strength 60.4MPa Flexural Strength 3380MPa	ASTM D790-17 Procedure A
<b>Oxygen Index</b>	35.2%	ASTM D2863-13
<b>Striker impacted by a falling weight</b>	Mean failure energy : 5.0J	ASTM D4226-16 Procedure A
<b>Tensile Test</b>	Tensile Strength 25.9MPa, Elongation at break 44%	ASTM D638-14
<b>Vertical Burning</b>	V-0	UL 94-2013 Rev.7 2017 Section 8
<b>Vicat Softening Temperature</b>	83.0°C	ASTM D1525-09
<b>Bearing Strength</b>	65.9MPa	ASTM D953-10 Procedure A

## Dealer



A Product of  
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- Sai Raj Building - Baba Dogo Rd, Ruaraka



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