

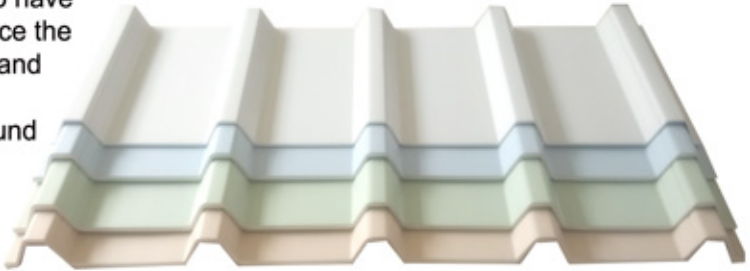
PROWANG[®] PVC FOAM CORRUGATED SHEET

HEAT INSULATION SOUNDPROOF SHEET

Environmentally friendly green building materials

PVC foam corrugated sheets have four advantages for the Environment:

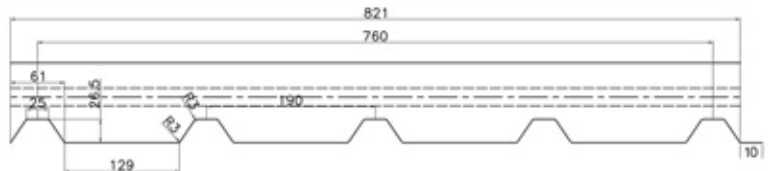
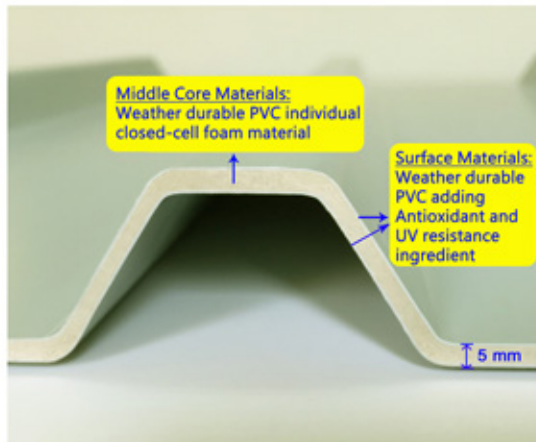
1. The core layer is isolated closed cell foam to have good heat insulation effect. This could reduce the usage of electric fans and air conditioners, and also retrench the electric rate.
2. PVC foam corrugated sheets have good sound insulation. Even on rainy day, the raindrops noisy sound will not influent people indoor activity or at rest. Its soundproof quality can reduce raindrops Decibel volume and no need to use other soundproof roofing materials.
3. Same components as ordinary household gray water pipe. No Formaldehyde, Plasticizer, Asbestos or VOC volatile organic substances. No Volatile toxic substances will explore to the air after assembly. Customers can install and use trustfully.
4. Thermoplastic and recyclable materials, balance mankind and the natural environment interdependently and coexistent, make a contribution to the global warming.



Our PVC foam corrugated sheets were made by three layer co-extruded one time integral production, each layer is designated according to the materials speciality:

Surface materials: Weather durable PVC resin adding Antioxidant and UV resistance ingredient to assure products durability and chemical resistance.

Middle core materials: Weather durable PVC individual closed cell foam material to apply good heat insulation and preservation, soundproof effect and reduce energy consumption.



Standard Size:	Width 830mm (Cover Width after assembly 750mm) Stock Length 12 meters or up; Custom design length by orders.
Standard Thickness:	5mm
Regular Color:	Light Silver White

Application:

Various building materials for Rooftop additions, industrial plants, steel factories, warehouses, agricultural & horticultural greenhouses, insulation passageway, carport, canopy, and harbor wharf etc., especially for corrosive chemical plating, ceramic, soy sauce, fertilizers, dyeing and large scale acid or alkali producing factories.



Compared with other roofing materials, PVC foam corrugated sheet has following advantages:

PVC foam corrugated sheet **WIN** vs. Color steel & galvanization steel sheet
Waterproof, anti-corrosion, insulation, acid and alkali resistance, soundproof and heat insulation

PVC foam corrugated sheet **WIN** vs. Asbestos corrugated sheet
Asbestos-free, harmless to humans or animals, tough and not easy to rattle, light-weight materials

PVC foam corrugated sheet **WIN** vs. Fiberglass corrugated sheet
Does not cause skin allergies, good toughness, not easy to rattle, flameproof

PVC foam corrugated sheet **WIN** vs. Regular plastic corrugated sheet
Cost Effective, unique intermediate foam layer for better heat and sound insulation

PVC foam Corrugated Sheet Features:

1. Excellent Corrosion Resistance
2. Excellent Weather Resistance
3. Good Flameproof Quality
4. Good Insulation
5. Excellent Soundproof Effect
6. Waterproof, mildew proof and antibacterial
7. High Impact Strength
8. Excellent Electrical Insulation
9. Strong Loading Capacity
10. Green Environmentally Friendly Materials

Installation:

Our PVC Foam Corrugated Sheet design is same as traditional five grooves coated steel corrugated sheet. This makes installation more easily and friendly.

When installing, please follow the traditional coated steel corrugated sheet, customers could place C Type steels or supporting racks in every 800mm intervals to avoid cave-in. Always stand on C steels or racks while installing and wear safety cords to prevent slipping.



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Chemical Resistance Form at www.prowang.com.tw