

Innovative, Superior Roofing Solutions

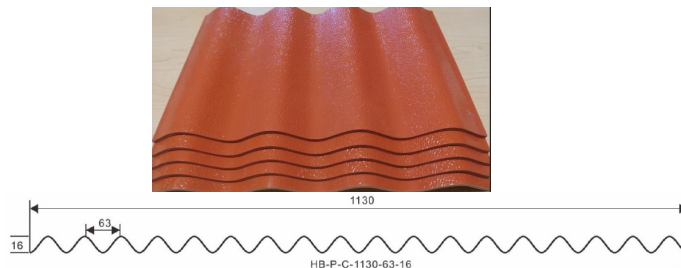
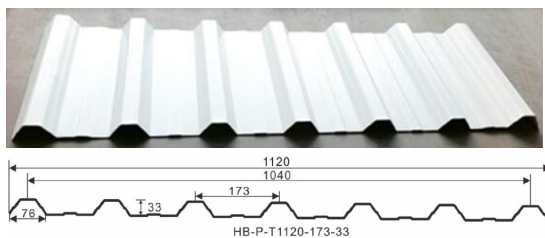
The new revolutionary ASA-PVC roof sheeting is in a class of its own and offers the type of roofing solution to last for years and years without ever losing its lustre or durability.



4 Layer Reinforced Weatherproof ASA-PVC Roofing Sheets

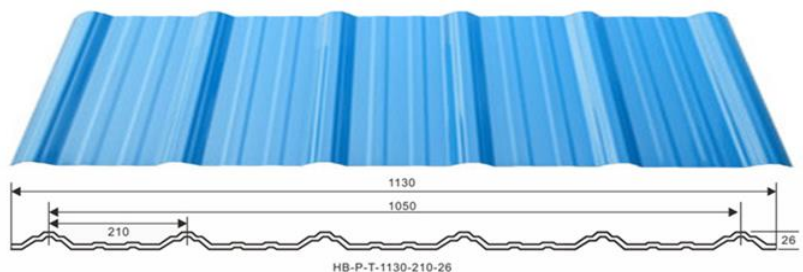
The 4-layer Weatherproof ASA -PVC Roofing sheet is manufactured by one-time processing through 4-layer co-extrusion technique. It has long lasting colour stability and offers strong UV performance to ensure a long lifespan. (ASA –Acrylic Styrene Acrylonitrile, PVC –Poly vinal Chlorides)

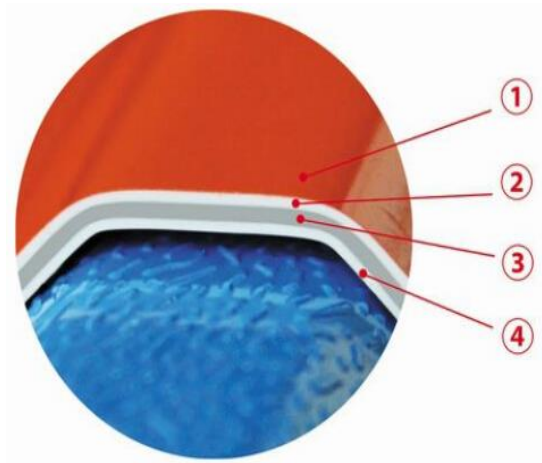
Other characteristics include easy cleaning, good thermal and sound insulation as well as great resistance to water, fire, corrosion and other contaminations. Because of its toughness, it can also withstand strong winds and shocks as well as heavy hail. The lightweight ensures easy installation. Because this is mainly manufactured from ASA and PVC, this product range also has electrically insulating properties.



Special Features

- 10 Years no Colour Fading
- Excellent UV Protection
- Excellent Anti-Corrosion
- Excellent Heat Insulation
- Excellent Sound Insulation
- Special Long Lifespan
- Reinforced for extra strength





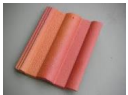
1. The adoption of highly weather resistant engineering resin ASA from SABIC, one of the Global 500 companies in the world, ensures the surface layer has at least 15 years colour stability, superior UV resistance and excellent corrosion resistance
2. Good quality modified PVC material with high toughness is adopted to ensure strength without compromising rigidity.
3. The special foam structured material delivers good heat and sound insulation
4. The bottom layer is adopted to ensure high strength and rigidity. The special material also offers a sense of space and provides interior brightness.

Applications:

Ideal for use in High-grade plants, factories, warehouses, houses, farm markets, farm animal housing and sheds, and all other buildings where high-end roofing materials are required. This product is especially effective in corrosive chemical plants, smelters, ceramic plants, and food manufacturing plants, chemical plants, printing and dyeing plants, organic solvent factories, acid, alkali and other corrosive plants.



Comparison between different types of roofing materials



Product	Galvanized Steel Roofing (0.57mm)	Fibre Cement Roof Tile (5mm)	ASA-UPVC Roof Sheet (2.5mm)
Stability in corrosive environment	Not stable	Stable	Highly stable
Service Life	6 + Years	≥15 Years	10 - 30+ Years
Tensile Strength	50 Mpa	18 Mpa	28 Mpa
Flexural Strength	73 Mpa	16 MPa	50 Mpa
Bending	Easy	No	Easy
Combustibility	Not Combustible	Not Combustible, but has micro explosions while burning	Not Combustible
Thermal Conductivity	6.52 W/m.K	0.46 W/m.K	0.071 W/m.K
Colour lasting time	2 - 3 Years	5 - 10 Years	10 – 15+ Years
UV Protection	No	No	Excellent
Weight per square meter	5.0kg	13.5kg	4.8kg
Cost of Roofing Structure	Medium	High	Medium
Sound Insulation	Very Poor	Good	Good
Heat Insulation	Very Poor	Good	Good
Anti-Corrosion Ability	Very Poor	Stable	Excellent
Efficiency	92%	86%	94%
Transportation	Safely/Lightweight / Low cost	Break easily, Heavy / High Cost	Safely/Lightweight / Low Cost
Installation	Difficult to cut / Low cost	Difficult to cut, cannot bend / High Cost	Fast, easy to cut / Low cost
Overlap	Narrow/ many overlaps	Many overlaps	Wide, fewer overlaps. Length can be customized
Green & Environment Friendly	Not recyclable	Not recyclable	Green Product / Fully recyclable