

High Quality T-Type Corrugated GL Roofing Sheet For Sale With Factory Price For Manufacturer

T-Type corrugated gl roofing sheet manufacturer, provide high quality T-Type corrugated gl roofing sheet for sale and factory price.

The high quality T-Type corrugated gl roofing sheet is a carbon steel sheet coated with aluminum-zinc alloy by a continuous hot-dip process. The nominal coating composition is 55% aluminum and 43.4% zinc and 1.6% silicon.

T-type corrugated gl roofing sheet is recommended when a high level of corrosion resistance is very important, galvalume steel roofing sheet combines the excellent barrier corrosion protection of aluminum with the galvanic protection of zinc. The superior corrosion resistance of the galvalume steel roofing sheet is achieved by the presence of microscopic zinc-rich and aluminum-rich areas within the coating. The aluminum-rich areas, which corrode very slowly, provide the long-term durability while the zinc-rich areas, which corrode preferentially, provide galvanic protection.

Shandong Hengze New Material Co., Ltd. is a T-Type corrugated gl roofing sheet manufacturer with T-Type corrugated gl roofing sheet factory price. We are very familiar with the T-Type corrugated gl roofing sheet, let's talk about what T-Type corrugated gl roofing sheet is.

The Application of T-Type Corrugated GL Roofing Sheet

The high quality T-type corrugated gl roofing sheet is a coated metal product used for commercial, agricultural, and residential applications. Galvalume's matte finish lends itself to industrial, modern, and rustic projects that require a little more subtlety than traditional, shiny or spangled galvanized metal panels. For a sophisticated metal accent, galvalume sheet is widely used as roofing sheet on office buildings.

For most applications in most types of environment, galvalume steel roofing sheet is the preferred product when long-term resistance to atmospheric corrosion is desired. It outlasts a galvanized coating of comparable thickness and offers cut-edge protection that is not available with an aluminum-coated sheet. This cut-edge protection means there is less rust-staining along sheared edges, at scratches, and other imperfections in the coating. Also, since the coating is so resistant to corrosion, it retains a very bright surface appearance when exposed to most atmospheres. These attributes make galvalume steel sheet the preferred material for roofing.

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The Use Matters of T-type Corrugated GL Roofing Sheet

The high quality T-Type corrugated gl roofing sheet can be used for applications that require elevated temperatures. Whereas Galvanized sheet should not be used at temperatures of 500°F and higher, galvalume roofing sheet continues to perform exceptionally well at temperatures as high as 750°F. Higher temperature applications have been used, but the premature degradation of the coating may be experienced.

Galvalume roofing and siding panels are coated with a mixture of zinc and aluminum and 1.6" siliconized coating to help resist scuffs and fingerprints better than a bare-metal product. The mixture of zinc and aluminum protects against corrosion and rust, helping Galvalume typically last much longer than Galvanized steel. Alu-zinc roofing sheet also comes with a 25-year warranty.

It is important to understand that the Galvalume roofing sheet will start to rust and corrode over time. It will age naturally, creating a unique, one of a kind metal. The more unpainted metal is exposed to the elements, the more it will take on a life of its own. Galvalume is durable and can outlast asphalt roofs by years.

There are many advantages to use the high quality T-Type corrugated gl roofing sheet for sale as a roofing material.

The Characteristics of T-type Corrugated GL Roofing Sheet

The high quality T-type corrugated gl roofing sheet can be formed in a manner similar to the galvanized sheet, although it is not quite as formable as a comparable hot-dip galvanized sheet. The adhesion is very adequate for most applications of T-type corrugated gl roofing sheet. Roll forming, bending, and other forms of fabrication can be accomplished very readily.

Reflective performance of T-type corrugated gl roofing sheet

T-type corrugated gl roofing sheet for sale has undergone extensive testing to determine its solar reflective performance. Test results have qualified Galvalume as an approved roof product by the U.S. EPA ENERGY STAR Program, for both low slope (2:12) and steep-slope (>2:12) applications. On newly manufactured Galvalume, the solar reflectance was rated above the minimum.

Heat resistance Galvalume steel compares very favorably with the more expensive aluminized steel for heat reflectivity, making it a practical alternative in automotive applications such as mufflers, tailpipes, heat shields, and catalytic converters. Unlike galvanized steel, which begins to discolor at temperatures around 450 F (232 C), Galvalume will not discolor in prolonged exposure to temperatures up to 600 F (538 C) and will continue to exhibit very good oxidation resistance up to 1250 F (677 C). Additionally, high-temperature Galvalume grades are available which will not exhibit zinc embrittlement that is known to affect galvanized steel above temperatures of 572 F (300 C) over prolonged periods. As a result, Galvalume is ideal for heat-sensitive range parts, toaster components, and commercial grills, as well as gas heater parts, heat exchangers, chimneys and fireplaces.

The Fire Resistance of T-Type Corrugated GL Roofing Sheet

Galvalume is non-combustible and consequently does not burn, provide an ignition source or add fuel load that would enable a fire to spread or grow into a catastrophic event. When converted into building components, its noncombustibility and assembly fire ratings do not degrade throughout the entire lifecycle of a building. This provides a reduced fire risk to workers and occupants, minimizes the impact on municipal fire services, and results in less property damage and collateral damage to adjacent buildings if a fire should ever occur. The high quality T-type corrugated gl roofing sheet has an assigned flame spread rating of 0 and an assigned smoke-developed a classification of 0, which is the lowest in each respective rating category.

The Soldering and Welding Of T-Type Corrugated GL Roofing Sheet

1. Soldering

Although T-type corrugated gl roofing sheet can be soldered, the presence of a thin film of aluminum oxide on the surface makes soldering more difficult than when soldering galvanized products. When soldering is necessary, the techniques and fluxes used to solder aluminum should be used.

2. Welding

T-type corrugated gl roofing sheet can be welded by conventional resistance and arc welding processes. The safety precautions are similar to those for hot-dip galvanized sheet.

The Painting of T-Type corrugated gl roofing sheet

T-Type corrugated gl roofing sheet provides excellent long-term durability. Therefore, unlike galvanized sheet which exhibits a longer life when painted, the application of paint

to the surface of Galvalume steel sheet is not needed to achieve long-term high performance.

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