Hot Sale High Quality China Aluminum Zinc Steel Coil Stock With Factory Price

The professional China aluminum zinc steel coil factory, has aluminum zinc steel coil in stock. Welcome to consult high-quality aluminum zinc steel coil factory price.

Aluminum-zinc steel coil (GL Coil, Galvalume steel coil with AZ 150g) is a registered trademark of BIEC International Inc., a worldwide patent of BIEC. Currently, 31 steel mills in 22 countries have obtained production technology and license from BIEC International to produce aluminum and zinc plated steel with 55 percent aluminum and zinc alloy coating. Among them, China Aluminum Zinc Steel coil Factory is very famous. China aluminum zinc steel coil factory Produced aluminum-zinc plated steel has a distinctively smooth, flat and gorgeous star - white base. Special coating structure makes it has excellent corrosion resistance. Aluminum-zinc plate with normal service life can be up to 25, good heat resistance, can be used in the high temperature of 315 ℃ environments; Good adhesion between the coating and paint film, with good processing performance, can be stamping, cutting, welding, etc. The surface is very conductive. Our high-quality aluminum zinc steel coil factory price is sold.

Shandong Hengze New Material Co., Ltd. is a China aluminum zinc steel coil factory. As a supplier with own China aluminum zinc steel coil factory, We are very familiar with China aluminum zinc steel coil, let’s talk about it.

The Aluminium zinc steel coil overview
Aluminum-zinc steel coil/plate (GL coil, Galvalume steel AZ 150g) is the basis the Galvanized steel coil, also including the 55% aluminum. Total global production of Galvalume steel coil/plate has reached 24 million tons since it entered the practical stage in 1972, and the current annual output is about 3 million tons. 30 ~ 35% of aluminum-zinc coated steel is used for ceiling, wall, etc. Besides being a trademark of BIEC, aluminum zinc plate is also registered and licensed by BIEC for the following products:
- Cincalum Zalutite
- Algrafot Zinc-Almu
- Aluzinc Zincalit
- Aluzink Zinccalume
- Cincalum Zintro-alum
- Galvalume

Aluminum-zinc plated steel coil/plate has a distinctively smooth, flat and gorgeous star - white base. Special coating structure makes it has excellent corrosion resistance. Aluminum-zinc plate with normal service life can be up to 25 a, good heat resistance, can be used in the high temperature of 315 ℃ environments; Good adhesion between the coating and paint film, with good processing performance, can be stamping, cutting, welding, etc. The surface is very conductive. The high-quality aluminum zinc steel coil
factory price is also very reasonable.
China aluminum zinc steel coil coating is composed of 55% aluminum, 43.4% zinc and 1.6% silicon by weight. The process of aluminum-zinc plating is similar to that of galvanized steel and aluminum plating. When exposed to the same environment on both sides, 55% Al-Zn alloy coated steel has superior corrosion resistance. The aluminum-zinc coated steel plate with 55% Al-Zn alloy coating not only has good corrosion resistance but also has excellent adhesion and flexibility.

The issues to be aware of when choosing a China aluminum zinc steel coil
The corrosion protection layer must be applied to the surface of the steel plate because it will produce rust corrosion when exposed to moisture. Generally, the corrosion protection layer is divided into hot-dip Zn and hot-dip Al-Zn alloy (the composition of the Al-Zn alloy is 55% of aluminum, 43.5% of zinc and 1.5% of silicon, referred to as 55% all-in). According to the data, 55% Al-Zn alloy coating in combined corrosion resistance is 4 times of the same thickness. According to the experience of the foreign specifications, general pressed steel plate (pit) the base material of anticorrosive coating shall be not less than 350 g/m² hot dip galvanized (Z35) or hot dip aluminized zinc 185/150 g/m² (AZ185/150). As cold rolled steel building structure, the lowest floor of hot-dip galvanized layer any Zinc/Galvanizing specification of 275g/m² (Z27), coastal exposed parts requirement of 350g/m² (Z35).

The character for hot sale aluminum zinc steel coil
1. Thermal reflection: Aluminum and zinc-coated steel, which is often used as an insulating material, has a high thermal reflectance, twice that of galvanized steel.
2. Heat resistance: Aluminum-zinc alloy steel has good heat resistance and can withstand temperatures of more than 300 degrees Celsius. Similar to the high-temperature oxidation resistance of aluminized steel, it is often used in chimneys, ovens, illuminators and solar lampshades. Corrosion resistance: The corrosion resistance of aluminized zinc steel coil is mainly due to the protection function of aluminum. When zinc is worn, aluminum forms a dense layer of alumina, preventing further corrosion of the corrosion-resistant material inside.
3. Economy: Since the density of 55% Al-Zn is smaller than that of Zn, the area of aluminum and zinc plated steel is more than 3% larger than that of plated steel with the same weight and the same thickness.
4. Easy to paint on: There is excellent adhesion between the aluminum-zinc plate and the paint, which can be applied without pretreatment and weathering. Aluminum-zinc plate coating is more excellent adhesion, so without Weathering and another pretreatment, it can also be directly on the advertising board and general plate coating. Aluminized zinc plate has a silver-white gorgeous surface.
5. Processing and spraying: Aluminum-zinc plating steel sheet and galvanized steel sheet have similar processing performance and spraying performance.
The application for hot sale aluminum zinc steel coil

**Architecture:** roof, walls, garage, soundproof walls, plumbing, and modular housing

**Automobile:** muffler, exhaust pipe, wiper accessories, fuel tank, truck box, etc.

**Home appliances:** refrigerator back plate, gas stove, air conditioner, electronic microwave oven, LCD frame, CRT explosion-proof belt, LED backlight, electric gas cabinet, etc.

**Others:** thermal insulation cover, heat exchanger, dryer, warm water, etc.

The difference with Galvanized steel and the Galvalume steel

The difference between a galvanized sheet and aluminum zinc plate mainly lies in the difference of the plating layer. The surface of the galvanized sheet is evenly distributed with a layer of zinc material, which plays an anodic protection role to the parent material. In other words, the substitutive corrosion of zinc material protects the use of the parent material.

Aluminium zinc plate the surface of the coating is composed of 55% aluminum, 43.5% of the zinc and small amounts of other elements, aluminum zinc plating coating under microscopic surface for honeycomb structure, composed of aluminum in the "honeycomb" containing zinc, in this case, aluminum zinc plating coating has anodic protection role, but on the other hand due to the shrinking of zinc content on the one hand, because of the zinc material by aluminum bag not the role of electrolysis anode protection so greatly reduced, so once the aluminum-zinc plate is cut, the cut off the edge of the protection of basic loss was will soon be under the condition of corrosion, so the plating aluminum zinc plate should be cut less as far as possible, Once cut, apply rust - proof paint or zinc - rich paint to protect the edge, can make the plate life extension. Our manufacturer has aluminum zinc steel coil in stock, welcome to buy.

In addition, Shandong Hengze New Material Co., Ltd. has aluminum zinc steel coil in stock and high quality aluminum zinc steel coil factory price, welcomes you to contact us and visit our China aluminum zinc steel coil factory.