

How Galvanneal Steel is Manufactured

Galvanneal is produced on a continuous hot dipped coating line. As the strip emerges from the coating bath all excess molten zinc is removed from the surface using air knives. From there the strip enters a furnace and the heat converts the zinc coating to the zinciron alloy coating of galvanneal. This galvanneal also has a special requirement of dry passivation which means no oil and ready for finish painting.

How to Paint Galvanneal Steel

Painting galvanneal steel is not difficult, but as with all finish painting some requirements must be met. These are good surface preparation, suitable weather conditions and following paint manufacturers instruction. Not unlike any other surface requirements.

Surface Preparation

1. Remove all soil cement and other surface dirt with a stiff brush or scraper.
2. Using a clean rag dampened with turpentine or other mineral spirits remove all grease, oil and soil. Always follow the solvent manufacturers directions clearly. Do Not use vinegar, muriatic acid or other acids. These products do nothing to improve paint adhesion in any consistent manner.

Suitable Weather Conditions

Consult with paint manufacturers instruction for the proper conditions required for there product.

The above is a general outline and in all cases the paint manufacturers instructions shall be followed in the strictest conformance.

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