

CASE HISTORY

ANZ: G0002

Application

An engineering fabricator who manufactures **acoustic enclosures used for engine powered generators**. The enclosures are manufactured using large sheets of hot-dip galvanized steel which is cut to size, welded and then top coated.

The enclosures are well-engineered and structurally sound, however once installed they are **exposed to environmental elements and varied internal temperatures**. This promotes condensation, the formation of corrosion and compromises the durability of the enclosures.

To grow his business, the manufacturer had to ensure that the enclosures were durable enough to withstand the expected long service life.

Solution

The manufacturer was already using Galmet Cold Galvanizing Aerosol's to **touch up welded and drilled sections** of the frame and was pleased with its performance and ease of application.

Working with the manufacturer Galmet developed a system which enabled them to **spray Galmet Cold Galvanizing (4L) directly** from a spray system **to large sections of the hot dip galvanized metal**. This provided an anti-corrosive layer of protection prior to the metal being top coated.

Benefits

The application of Galmet Cold Galvanizing enabled the manufacturer to **guarantee durability over the course of the products long service life** which previously could not be done.

The application of Galmet Cold Galvanizing (4L) enabled the business to:

- Provide **added durability** to an existing, well manufactured product which structurally meet the expected longevity of its application
- **Charge a premium price** for the product as durability was no longer a concern
- Offer customers a **product guarantee** and therefore gain peace of mind from product recalls and failures



Product: Galmet Cold Galvanizing
Product Code: Aerosol: GGCGA
4L: GGCG4L