

## **About Galvanizing**

Galvanization or galvanizing is the process of applying a protective zinc coating to steel or iron, to prevent rusting. The most common method is hot-dip galvanizing, in which the parts are submerged in a bath of molten hot zinc.

Galvanizing protects the underlying iron or steel in the following main ways:

- The zinc coating, when intact, prevents corrosive substances from reaching the underlying steel or iron.
- The zinc protects iron by corroding first.
- In the event the underlying metal becomes exposed, protection can continue as long as there is zinc close enough to be electrically coupled. After all of the zinc in the immediate area is consumed, localized corrosion of the base metal can occur.

Galvabond sheet steel, which is typically used in Stow High products is a hot-dipped zinc-coated commercial forming steel with a spangled surface.

Further information on galvanising, including care and maintenance is available at Galvanisers Association of Australia at [www.gaa.com.au](http://www.gaa.com.au)