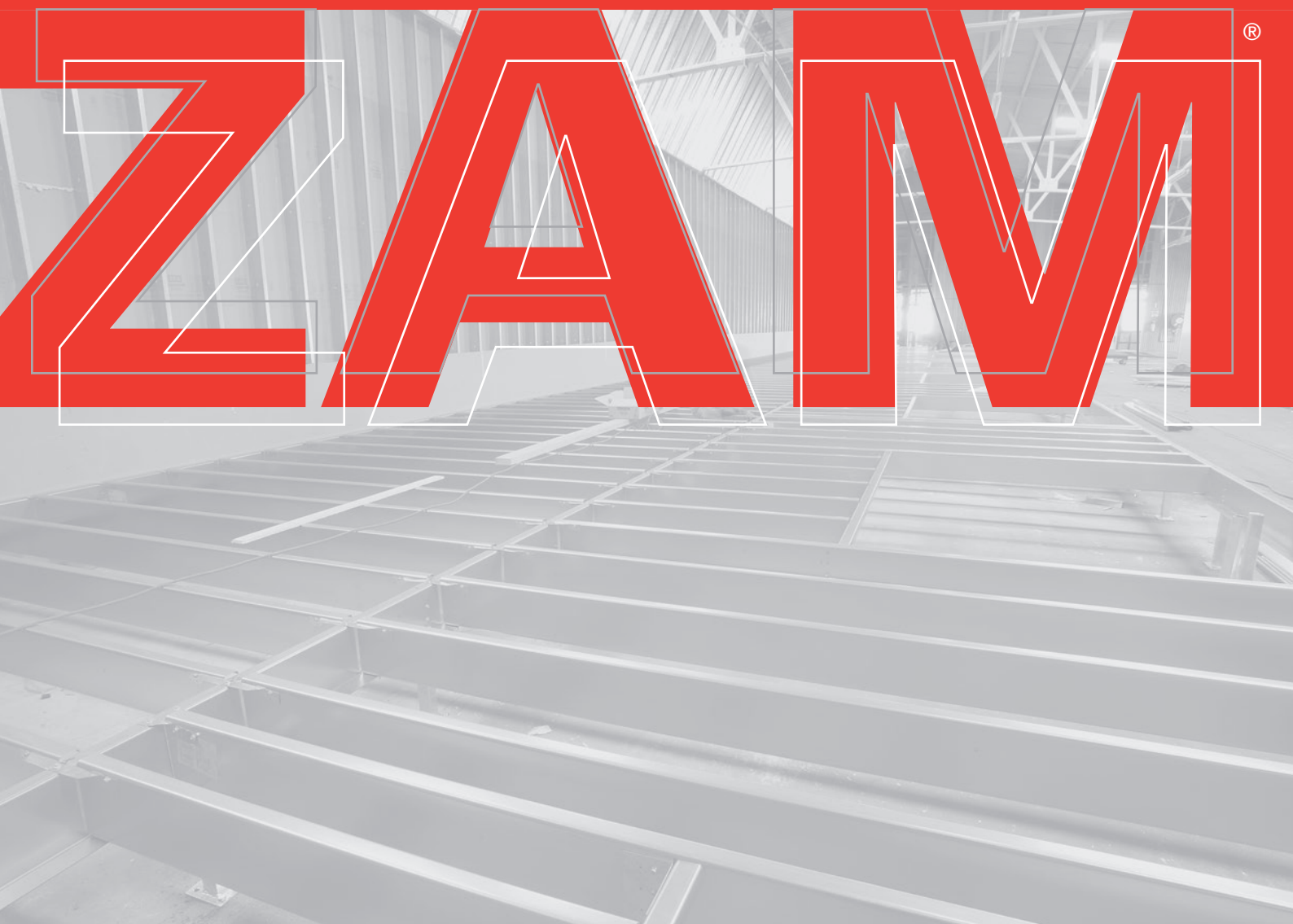


ZAM[®]

zinc + aluminium + magnesium

Coated steel products for
corrosive environments.



High corrosion resistance | High scratch resistance | Concrete compatible | Attractive finish

Better protection and lower cost
than post hot-dip galvanising.

Stramit 
Building Products



Coated products for
corrosive environments

The ZAM® coated steel advantage

An advanced coating layer combining zinc, aluminium and magnesium offers incredible corrosion resistance, scratch resistance and reduced material costs.

Stramit® products manufactured from ZAM® coated steel provide vastly superior corrosion resistance in harsh environments. The technologically advanced hot-dip coating allows new installation possibilities in corrosive conditions. By replacing the need for post-galvanising, ZAM® steel products also lower material costs and reduce project lead times.

Salt spray test – 2500 hours

ZAM®



Galvanised



ZAM® coated steel complies with the requirements of Type ZM Coating Class in AS1397:2011
"Continuous hot-dip metallic coated steel sheet and strip – Coatings of zinc and zinc alloyed with aluminium and magnesium".



ZAM® roofing purlins at waste recycling centre ▲



ZAM® framing on greenhouse ▲



ZAM® formwork on river footbridge ▲

The ultimate in corrosion protection

With a corrosion resistance many times that of zinc galvanised steel sheet, ZAM® coated steel can be used with confidence in environments where extremely corrosive conditions are likely to exist.

ZAM® coated steel has a bright, uniform appearance that ages to a satin-like metallic lustre.

- + Incredible corrosion resistance
- + No need for extra galvanising
- + Superior scratch resistance
- + Concrete compatible
- + Attractive finish
- + Reduced material costs

Wide range of structural products

The following products can be rolled from ZAM® coated steel:

- + Z and C section purlins
- + Downturn lip purlins
- + Lapped downturn lip purlins
- + Top hats and battens
- + Floor framing
- + Permanent steel formwork

New installation possibilities

The superior corrosion resistance of ZAM® coated steel makes it ideal for applications where structural sections are likely to be subjected to severe or corrosive conditions. Typical applications include:

- + Marinas and boat sheds
- + Farming and horticultural sheds
- + Refineries and industrial environments
- + Pool and spa areas
- + Exposed composite slabs

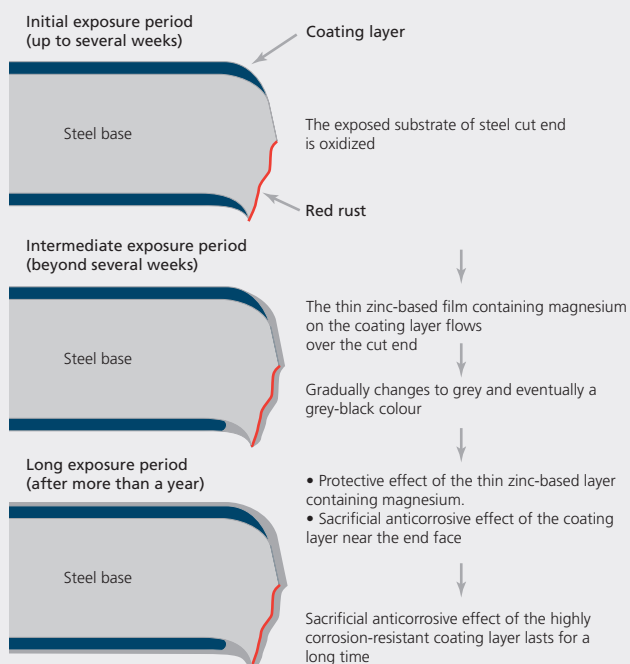
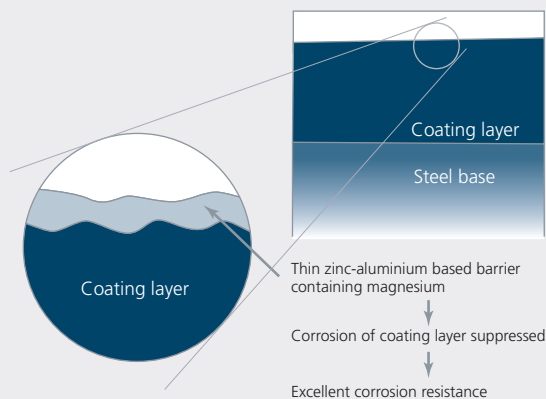
Longer design life

The ZAM® coating provides a longer useful lifetime, offering higher corrosion resistance with a smaller coating weight compared with traditional corrosion resistant steel products.

ZAM® coated products can replace stainless steel and aluminium in some applications.

A Nisshin Steel Statement of Durability is available from Stramit Building Products giving coating and steel specifications. A Performance Statement is also available confirming that ZAM® coated steel has at least three times the life of galvanised steel for similar coating thicknesses.

Dual layer surface structure



ZAM® purlins used for roofing of water reservoir ▲

ZAM[®]

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zinc + aluminium + magnesium

The information in this brochure is, as far as possible, accurate at the time of publication. However, before application in a particular situation, Stramit Building Products recommends that suitably qualified expert advice is obtained confirming the suitability of the products and information in question for the application proposed. Stramit Building Products disclaims all liability (including liability for negligence) for any loss or damage resulting from the use of the information provided in this brochure.

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