



LIFETIME SOLUTIONS

You can trust your roof to us



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Headoffice

Arima

Lifetime Roofing Limited
Lot #26 C&F O'Meara Industrial Estate
Trinidad and Tobago, W.I



Showrooms

Port of Spain
#27 Ariapita Avenue

Caroni
#113 Administration Building

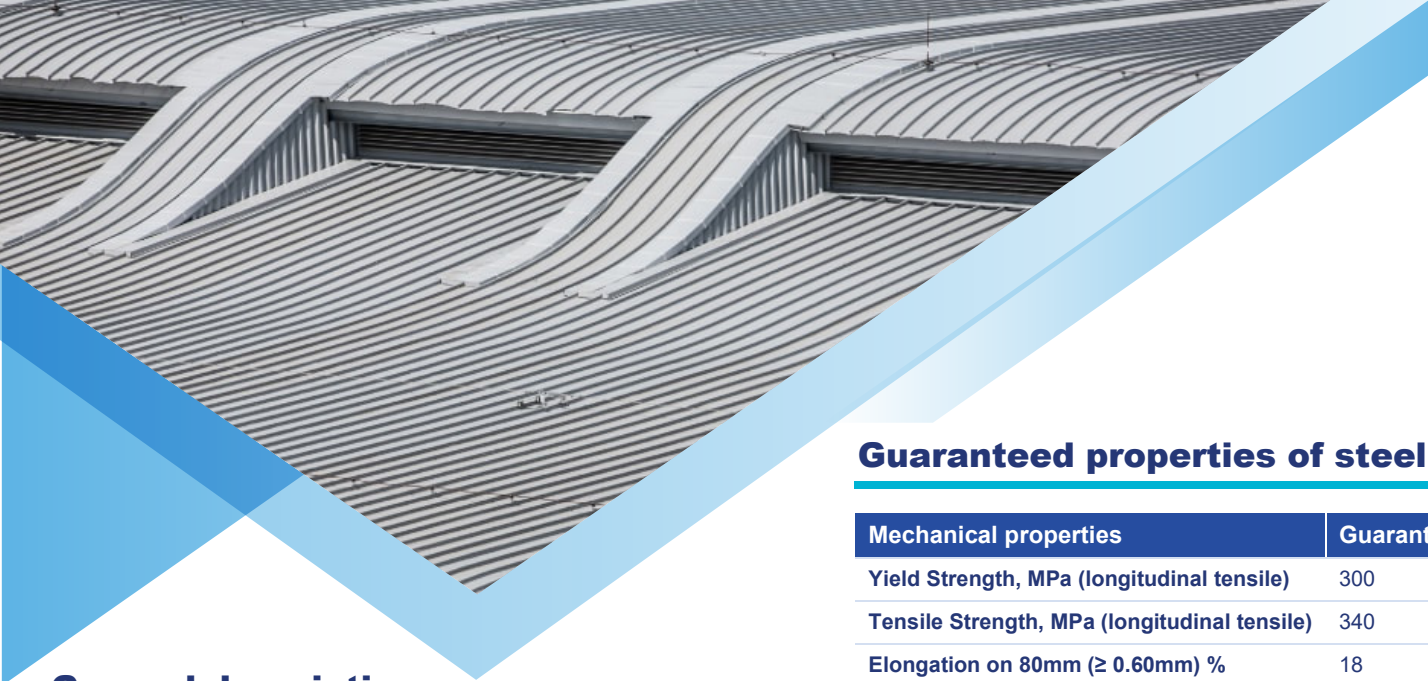
San Fernando
#132 Victoria Village, Cipero Rd

Tobago
#91 Barrington Court, Bon Accord

ALUMAG

Unpainted - Coated Steel

AN EXCELLENT CHOICE FOR HARSH ENVIRONMENTS
Industrial areas, Agriculture, Sea coast & More



General description

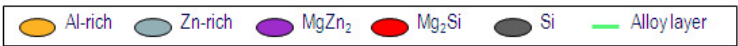
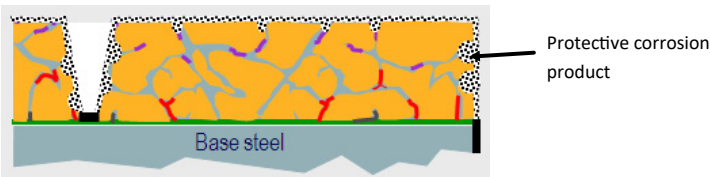
Alumag steel G300 with Activate® technology is a hot-dipped aluminium / zinc / magnesium alloy coated structural steel with a regular spangle surface, a guaranteed minimum yield strength of 300MPa with good ductility.

Typical uses

General manufactured articles, garage doors and curved roofing. Suitable for rollforming to a minimum internal diameter of 1t.

Australian and International Standards

AS/NZS 1365:1996 (R2016)
 AS 1397:2021
 ISO 9001:2015 Quality System certified



Development and Testing

Lifetime Solutions testing of Activate™ technology has been extensive

- Accelerated laboratory testing, outdoor exposure and applied corrosion
- Full Systems approach – scaling up to replicate real applications & building detail
- Range of environments (very severe to moderate) across several countries
- Third party assessment – French Corrosion Institute
- Longevity - some tests span more than 17 years

Guaranteed properties of steel base

Mechanical properties	Guaranteed minimum
Yield Strength, MPa (longitudinal tensile)	300
Tensile Strength, MPa (longitudinal tensile)	340
Elongation on 80mm ($\geq 0.60\text{mm}$) %	18
180° Transverse Bend	1t

Chemical composition of steel base

Chemical properties	Guaranteed maximum %
Carbon – C	0.30
Manganese – Mn	1.60
Phosphorus – P	0.100
Sulphur – S	0.035

Metal coating adhesion – 180° bend test

Coating class	Result
AM125	1t

Where t = the diameter of mandrel in terms of thickness of product.

Dimensional capabilities

Thickness range (mm)	Max width (mm)
0.300 – 0.319	1000
0.320 – 0.349	1100
0.350 – 0.399	1220
0.400 – 0.600	1250
0.601 – 1.200	1220

