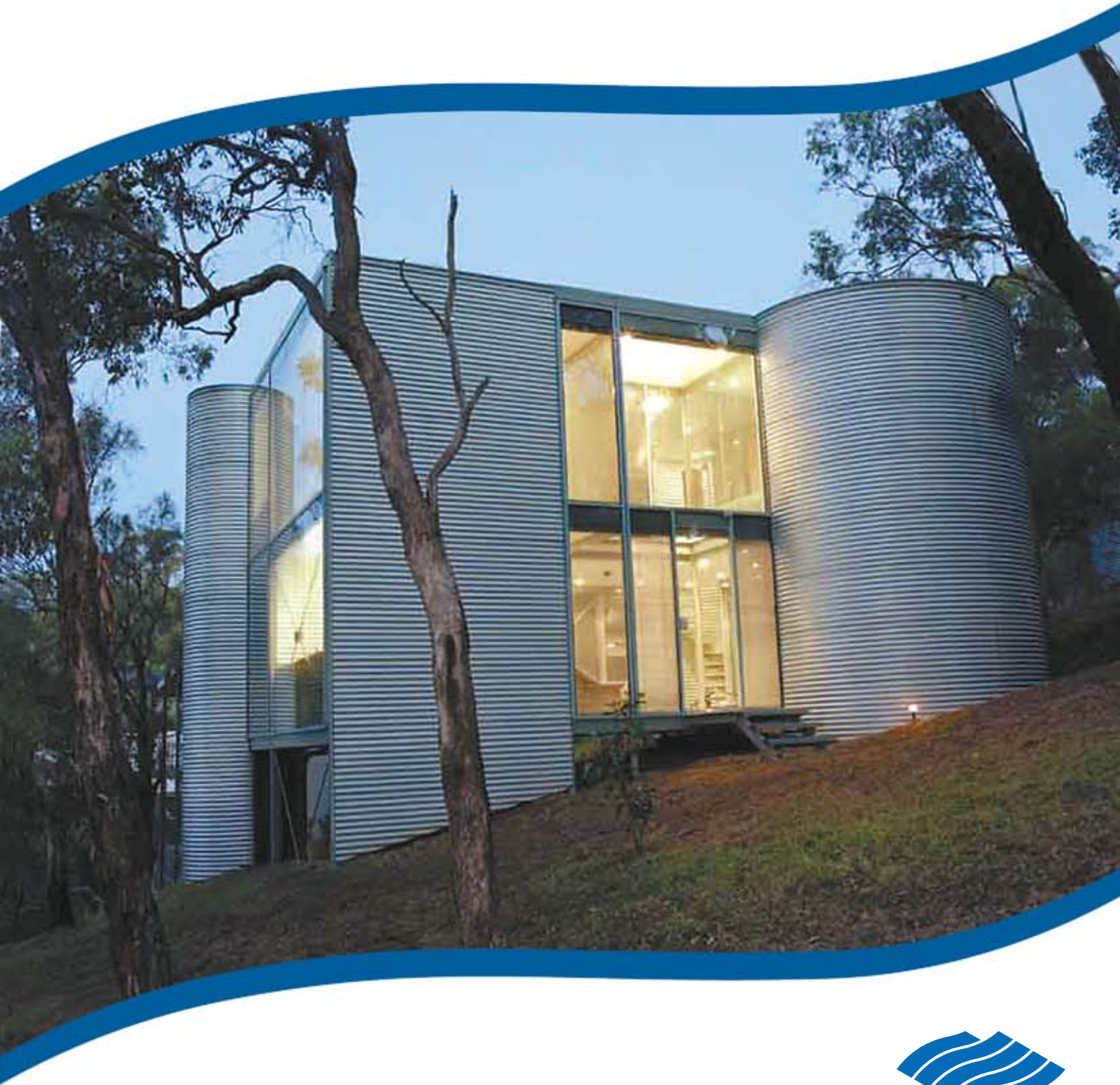


Zincalume®

Made Only By BlueScope Steel

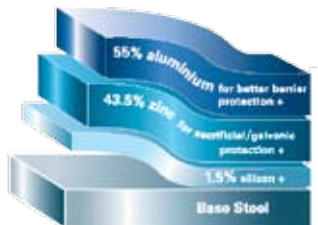
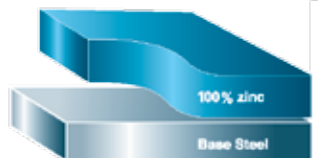

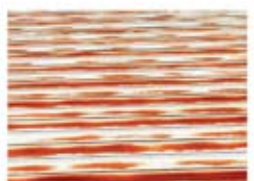

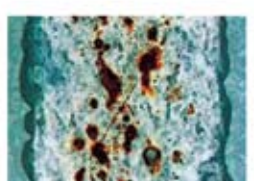




ZINCALUME® STEEL

OUTPERFORMS G.I.



UNSURPASSED SUPERIORITY

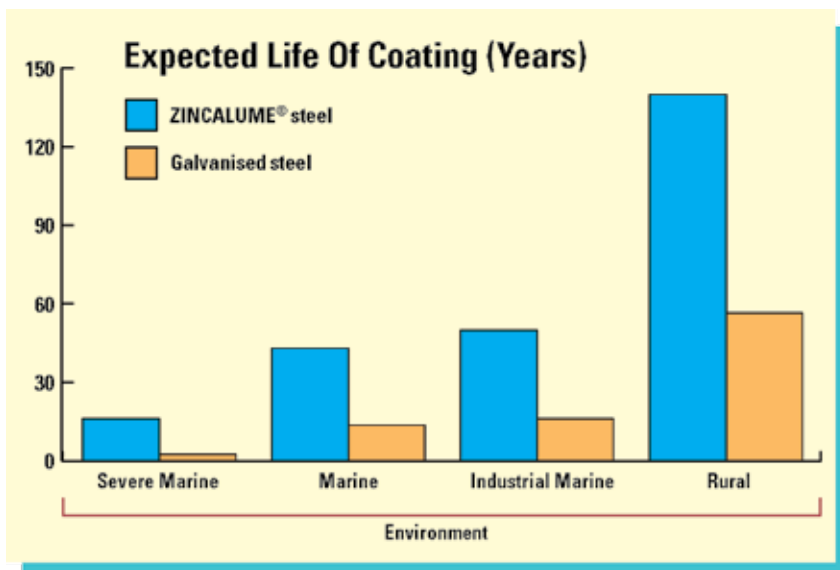
The ingenious coating of ZINCALUME® steel comprising 55% aluminium, 43.5% zinc and 1.5% silicon, offers high levels of corrosion resistance, given by barrier protection of aluminium and sacrificial or galvanic protection of zinc.

	ZINCALUME® steel	Galvanised steel (G.I.)
Coating Elements	 <p>Double protection of zinc and aluminium coating</p>	 <p>Single protection</p>
After 20 Years of Atmospheric Exposure Test	 <p>No sign of red rust</p>	 <p>Shows significant red rust</p>
After 240 Hours of Salt Spray Testing (Conducted in accordance to the ASTM test method B117 and AS1580)	 <p>No sign of red rust</p>	 <p>Significant signs of red rust</p>
6 Years in Severe Marine Environment (Bellambi Point, Australia)	 <p>Still in good condition with no signs of red rust</p>	 <p>Loss of coating with the appearance of red rust on the surface near edges</p>
26 Years in Heavy Industrial Environment on 10 degrees slope (Flemalle, Belgium)	 <p>No sign of red rust</p>	 <p>Significant signs of red rust</p>

HIGH QUALITY PERFORMANCE

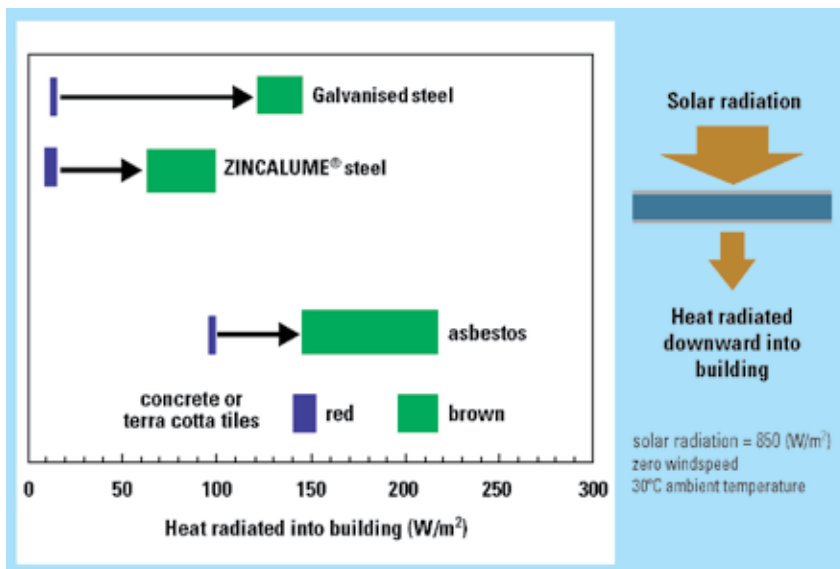
The zinc/aluminium alloy coating on ZINCALUME® steel has been designed to resist environmental corrosion by up to 4 times the lifespan of Galvanised steel (G.I.). In whatever project you're building, the durability and strength of ZINCALUME® steel will keep it looking good for years and years.

Resistance To Atmospheric Corrosion



The coating life expectancy of ZINCALUME® AZ150 steel compared to Galvanised steel (G.I.) Z275 after exposure at East Coast Australia test sites ranging from rural to severe marine.

Thermally Efficient



Research has shown that, compared to Galvanised steel (G.I.) which tends to weather more, a roof made from ZINCALUME® steel:

- reflects heat and sunlight better
- keeps the interior of the building much cooler

The level of heat radiated into the building from tiles and asbestos cement is particularly high, and tiles have a higher thermal mass which takes longer to cool in the evening.

Zincalume®



BLUESCOPE STEEL



This simple checklist is your guarantee of confidence in ZINCALUME® steel.

- Made by BlueScope Steel Malaysia.
- Termite proof.
- Non-combustible.
- Dimensional stability.
- Durable, strong and lightweight.
- Meets relevant Malaysian building codes.

International Building Standards

- Product performance is field tested.
- Supported by a BlueScope Steel warranty*.

To make sure your product is from BlueScope Steel, look for the ZINCALUME® steel brand mark.

ZINCALUME® is a registered trade mark of BlueScope Steel Limited.

BlueScope is a trade mark of BlueScope Steel Limited.

Copyright © 2005 by BlueScope Steel (Malaysia) Sdn. Bhd. All rights reserved. No part of this brochure may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without written permission of BlueScope Steel (Malaysia) Sdn. Bhd.

*Warranty terms and conditions apply.



TERMITE
PROOF



THERMAL
EFFICIENCY



DESIGN
FLEXIBILITY



DURABILITY/
SECURITY



RECYCLING



WARRANTY



COATING

BlueScope Steel (Malaysia) Sdn Bhd (223136-P)
Lot 1551, Jalan Bukit Kapar, 42200 Kapar, Selangor Darul Ehsan, Malaysia.
Tel: 603-3361 6888 Fax: 603-3361 6889
Website: www.bluescopesteel.com.my