

**TrueCore**<sup>™</sup>  
ZINCALUME® Technology



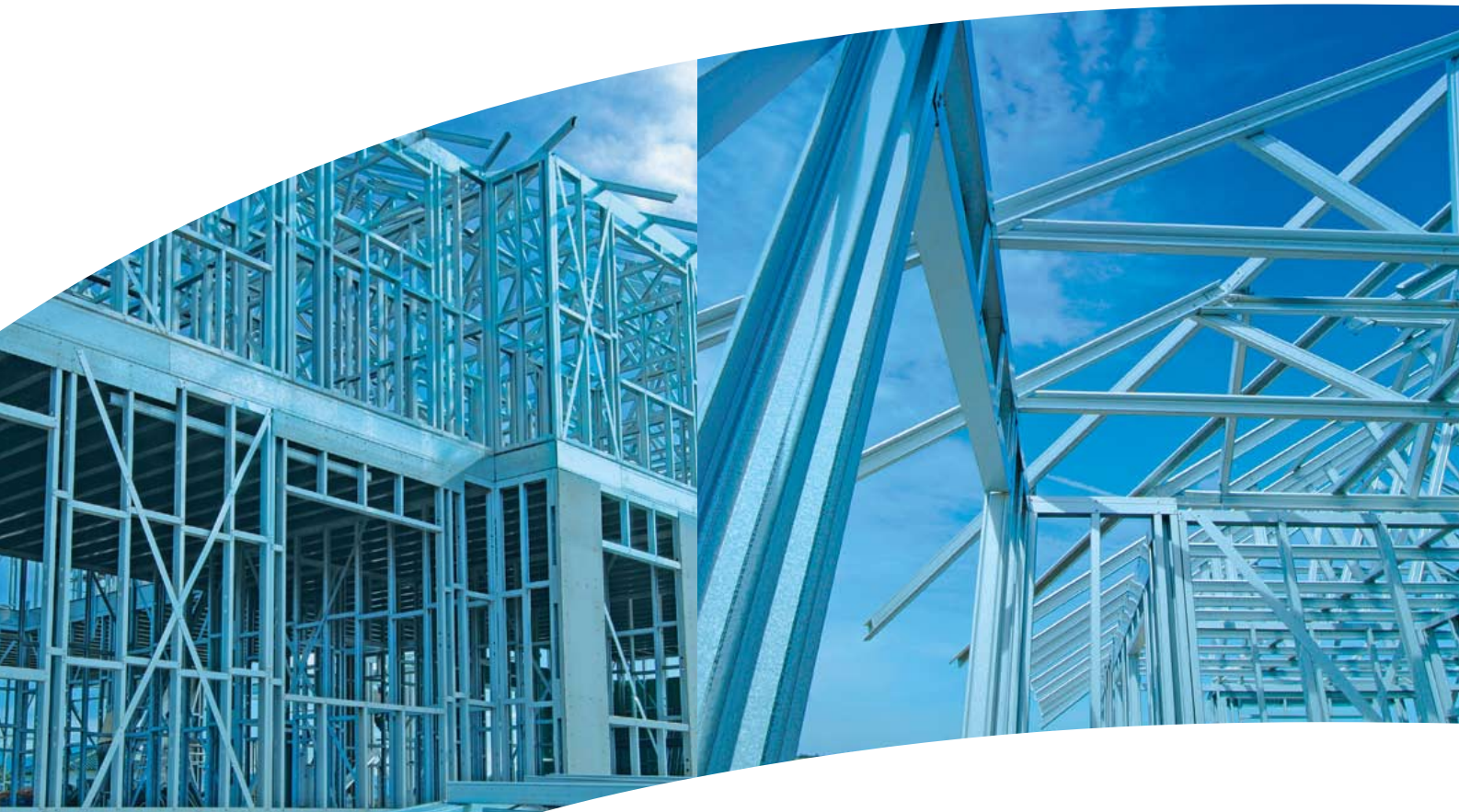
THE FRAMEWORK FOR BUILDINGS OF THE FUTURE  
**STEEL TRUSSES & FRAMING**



TRUSSES AND FRAMES FOR

# THE FUTURE

*Protecting the value and life of the buildings you construct is an important responsibility that is critical to protecting your reputation. Few elements in the construction process are as important as the structure of the building. More and more, trusses and framing are considered to be critical to ensuring the security, value and service life of a building.*



## **Straight and true**

Building frames made from TRUECORE™ steel are precision engineered and will not twist, shrink or warp, reducing the chance of cracked cornices, bowed internal walls, jamming doors and sagging and wavy rooflines. So your building remains a testament to your professionalism and quality of work.

## **Easily identifiable strength and durability**

With ZINCALUME® steel derived technology at its core, TRUECORE™ steel is an inherently strong and durable yet lightweight material. All TRUECORE™ steel trusses and frames feature a minimum AZ150 zinc/aluminium coating, ensuring corrosion protection for years to come.

**TRUECORE™ steel is also only available in G550 grade steel – your guarantee of structural strength.**

TRUECORE™ steel's striking blue finish ensures visual identification from other structural steel products and serves as assurance that you are supplied with a minimum material specification of AZ150 G550 steel.

### **100% termite proof**

Frames made from TRUECORE™ steel are 100% termite proof. Always will be, no ifs, buts or maybes. You'll never need to apply chemical treatments to a frame made from TRUECORE™ steel.

### **A new world of building design**

Easy and fast to erect, strong and lightweight, just like ZINCALUME® steel, trusses and frames designed with TRUECORE™ steel offer excellent spanning capabilities between load bearing walls making it ideal for architects to design large open spaces. So both building designers and owners can enjoy new-found freedom with open space contemporary design.

### **Ahead of regulatory and environmental requirements**

You can rest assured that structural materials made from TRUECORE™ steel are well positioned to meet environmental and building design regulations and guidelines.

Also, steel will not burn, unlike conventional timber frames, so by using a steel frame, you considerably reduce the risk of fire spreading throughout the entire structure of the building.



### **Efficiencies mean cost savings**

Prefabricated steel frames made from TRUECORE™ steel are exceptionally quick to erect, which means less time and less labour is required. Steel frames can be pre-punched to allow electrical and plumbing services to be installed quickly and efficiently and waste is minimised through off-site fabrication of building frames.

### **Made by BlueScope Steel, using ZINCALUME® steel technology**

With its striking blue finish, TRUECORE™ steel is especially made to meet the building industry's truss and framing needs. Building on the trusted technology of ZINCALUME® steel and TRUECORE™ steel provides you with the assurance of a building material that is specifically developed for structural performance.

THE STRENGTH TO LAST

# A LIFETIME



## This simple checklist is your guarantee of the superior BlueScope Steel difference:

- ✓ Dimensionally stable
- ✓ Durable, strong, lightweight
- ✓ Termite proof
- ✓ Environmentally friendly
- ✓ Manufactured only by BlueScope Steel

To make sure your product is manufactured from steel made by BlueScope Steel, look for the TRUECORE™ steel brand.

TRUECORE (TM) AZ150 steel made by BlueScope Steel

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TERMITE  
PROOF



THERMAL  
EFFICIENCY



DESIGN  
FLEXIBILITY



DURABILITY/  
SECURITY



RECYCLING



COATING



TENSILE  
STRENGTH

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