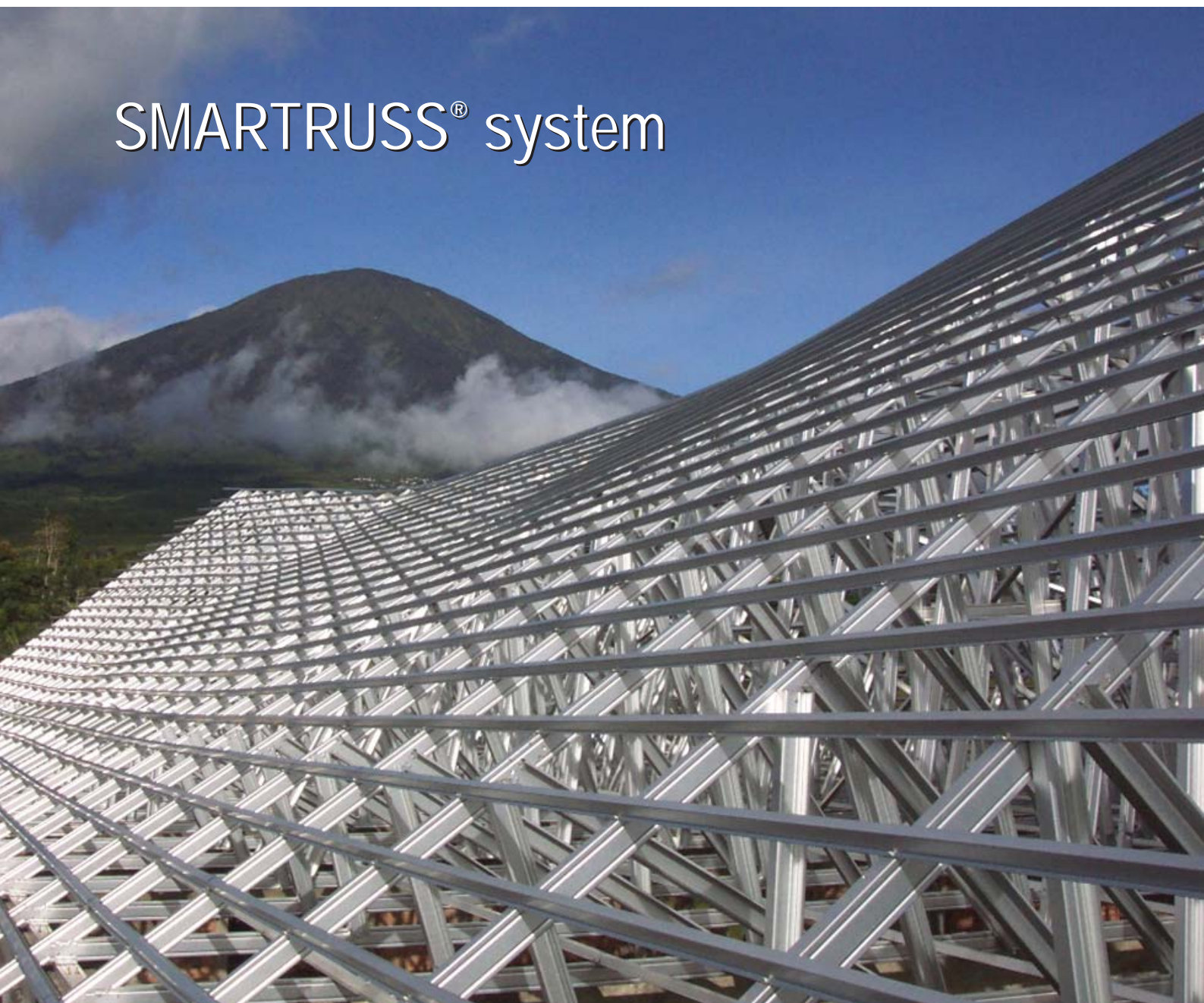




SMARTRUSS® system



Smart Technology

Smart Engineering

Smart Construction

Smart Protection

Smart Roofing

A Unique Roof Support System



About SMARTRUSS® system



SMARTRUSS® system is an advanced framing technology for roof support system for all types of roofs and buildings. SMARTRUSS® system builds on the experience and product knowledge of Tata BlueScope Steel in the steel building industry, to enhance construction practice for the building segment.

SMARTRUSS® system is a well-established brand in Australia, South East Asia and China and offers range of benefits over other building materials. SMARTRUSS® system is made from light weight high strength steel which provides inner strength to protect and maintain the roof's structural integrity and quality of construction. It is light weight and therefore easier to handle, store and transport.

SMARTRUSS® system is durable and strong, non-combustible, termite resistant and offers better corrosion protection and a maintenance free life. The truss members are made from ZINCALUME® steel which is 100% recyclable and an extremely environmentally friendly option for construction. Moreover, SMARTRUSS® system is designed to support any type of roofing product and provides a sustainable base to roof aesthetics.

Heard of SMART 5?

SMARTRUSS® system offers SMART Solution to your truss requirements. This solution is a combination of smart technology, smart engineering, smart construction, smart protection and smart roofing, which make SMARTRUSS® system the ideal roof truss system and open up a whole new world of opportunities for smart roofing techniques.

SMART TECHNOLOGY

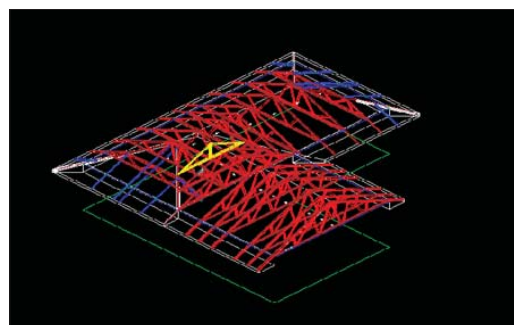
SMARTRUSS® system is a technologically advanced roof truss solution specially designed using SUPRACADD™ software. The superior technology used ensures customised, accurate and detailed truss design which can be manufactured to precise length. The pre-cut truss components are marked and bundled together. These are delivered in pre-assembled transportable lengths or as pre-cut truss components to be assembled on site.



Top chord load test

SMART ENGINEERING

SMARTRUSS® system is engineered to perfection it does not shrink, warp or twist. The trusses can be designed to suit most roofing applications including gables, bridges, truncated and cut-off trusses.



SMART CONSTRUCTION

SMARTRUSS® system is a light-weight and high strength truss system which is easy to fabricate at factory or at site. It has marked and pre-punched truss members that ensure speedy construction process and therefore early return on investment. This makes SMARTRUSS® system the right choice for simple and decorative roof solutions.



Install subsequent trusses over the truss template

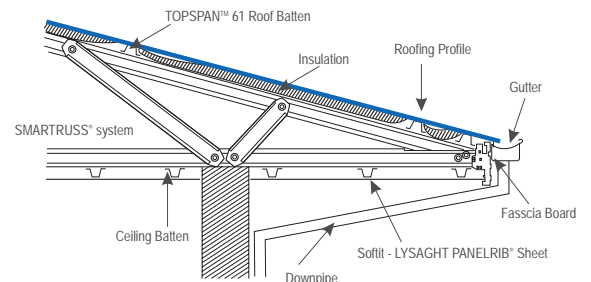
SMART PROTECTION

The key ingredient of SMARTRUSS® system is ZINCALUME® steel, a zinc and aluminium coated steel which lasts up to four times longer than galvanized steel in similar environment conditions. This makes SMARTRUSS® systems durable and strong and offers corrosion protection and a maintenance free life. This special high tensile steel does not require painting and has consistent material properties. Moreover the members of the truss do not warp, rot or shrink are termite resistant and non-combustible making it a better option when compared to timber or mild steel.



Salt Spray cabinet

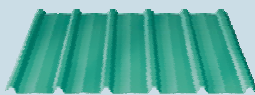
Cross section of SMARTRUSS® roofing system



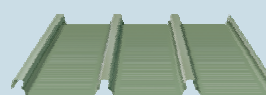
SMART ROOFING

SMARTRUSS® system provides a sustainable base to roofing for enhanced aesthetics. It is designed to support any type of roofing product lends itself to any roof design with a variety of shapes of roofs and ceilings.

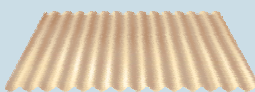
It is available with LYSAGHT® Roof and Wall Cladding options:



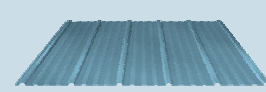
LYSAGHT TRIMDEK® 1015



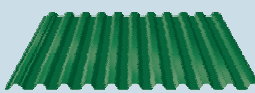
LYSAGHT KLIP-LOK™ 700



LYSAGHT CUSTOM ORB® 990



LYSAGHT FLEXICLAD™ 1110



LYSAGHT SPANDEK® 935



LYSAGHT PANELRIB® 1110



Benefits of SMARTRUSS® system

- Durable and strong
- Corrosion protection
- Fully engineered and light-weight
- Accurate dimensions
- Easy and quick to assemble
- Termite resistant
- Fire resistant
- Offers design flexibility
- Environment friendly



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