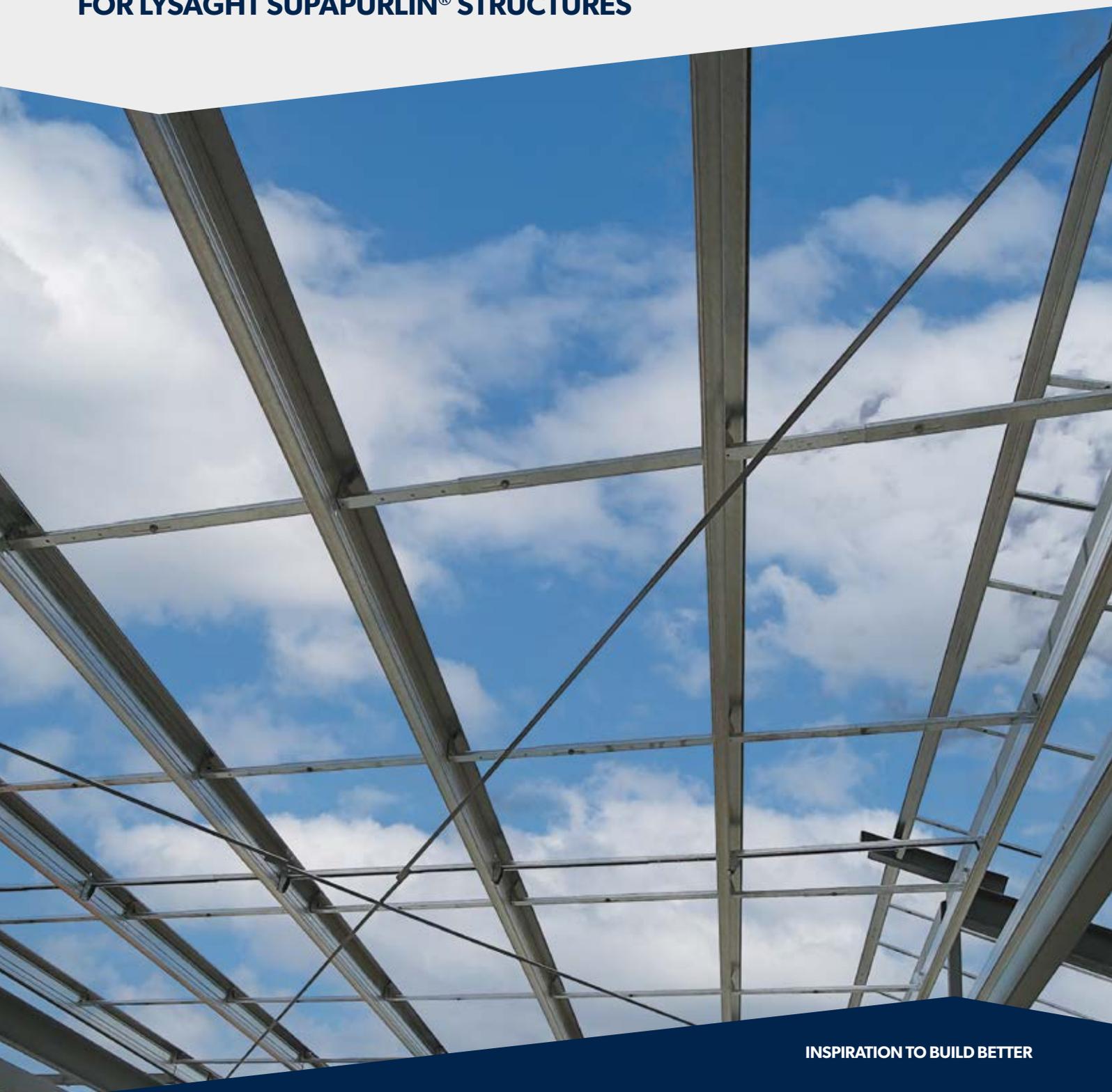




# LYSAGHT SUPABRIDGE®

BRIDGING AND INSULATION SYSTEM  
FOR LYSAGHT SUPAPURLIN® STRUCTURES



INTRODUCING THE

# LYSAGHT SUPABRIDGE®

**The LYSAGHT SUPABRIDGE® roofing system provides an innovative and safe alternate solution for compliance to Section J requirements of the National Construction Code (NCC). Section J is applicable to class 2 – 9 buildings.**

The integrated LYSAGHT SUPABRIDGE® system replaces the need for the separate purlin bridging and roof raisers used in traditional commercial and industrial metal roof installation. The system utilises the structural purlin depth to safely accommodate uncompressed blanket insulation and roof safety wire, thereby maintaining roof heights, and full sheeting (uplift) capacities by enabling direct fixing to purlin members.



## THE SUPABRIDGE™ SYSTEM COMPONENTS:

The complete SUPABRIDGE™ system comprises the following components:

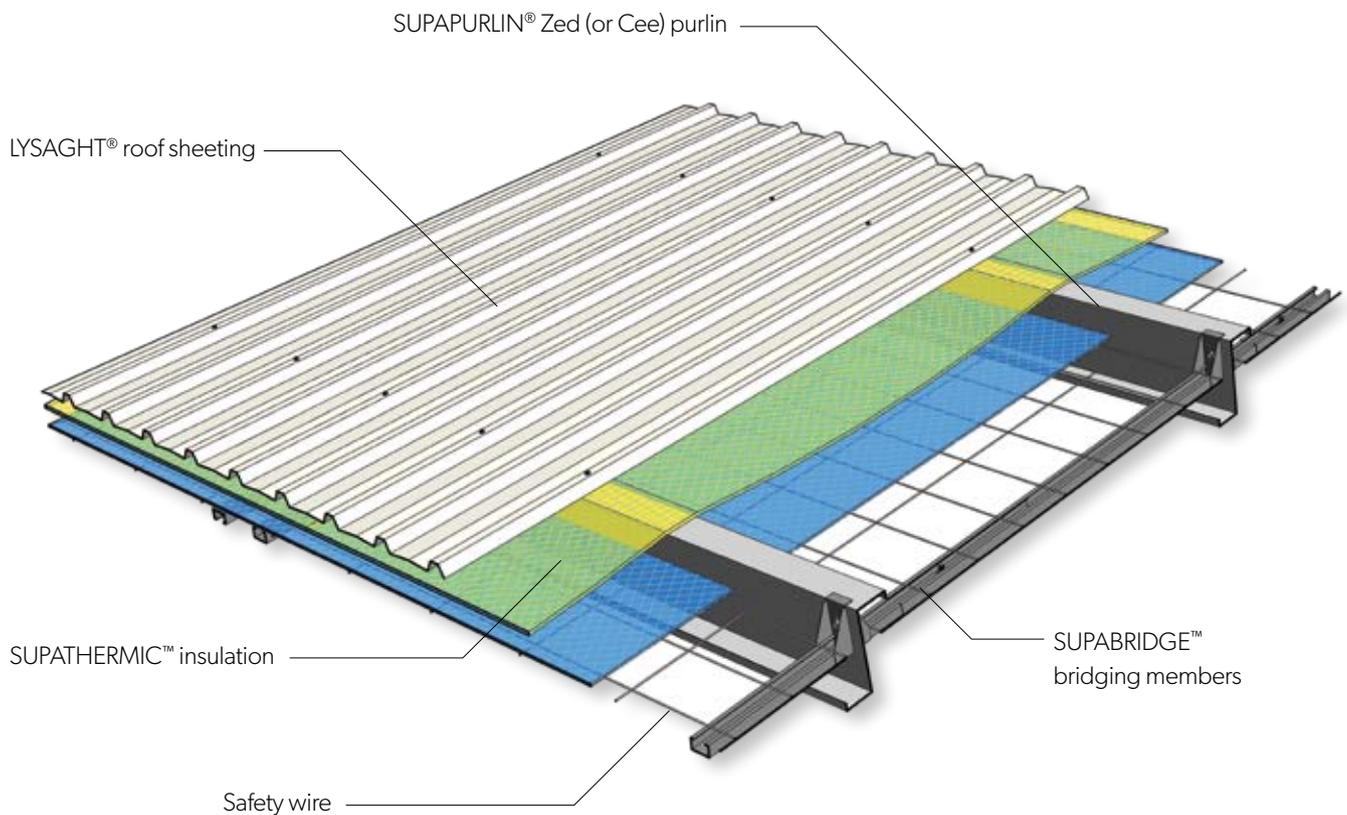
- LYSAGHT® roof sheeting
- SUPAPURLIN® Zed and Cee purlins
- SUPABRIDGE™ bridging members
- SUPATHERMIC™ insulation
- Safety wire





### KEY BENEFITS:

- Thermal Insulation performance to meet and exceed NCC Section J requirements resulting in more efficient buildings reducing energy costs.
- Cost effective use of existing building cavities for insulation.
- Improved structural performance via direct fixing of LYSAGHT® roof cladding to building structure.
- Installation connection methodologies that align with industry practice reducing installation effort and cost.
- Performance tested and backed by industry leaders, Lysaght, Australia's steel people.



THE LYSAGHT SUPABRIDGE®

# SYSTEM ADVANTAGE

The SUPABRIDGE™ system provides a number of benefits when compared to alternative Section J solutions:

## COST BENEFITS:

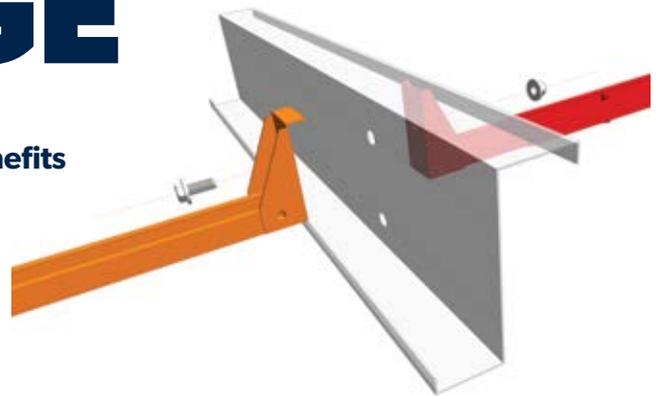
- Eliminates the costs of additional roof spacer components and their installation.
- Replaces traditional bridging systems and utilises standard purlin bolt connections eliminating the need for additional tools.

## STRUCTURAL PERFORMANCE

- The SUPABRIDGE™ system has been fully tested to Australian Standards to determine the systems' structural capacity.
- System allows direct fixing of sheeting or sheeting clips to the structural SUPAPURLIN® ensuring full sheeting uplift capacities are achieved.
- Flexible insulation configurations to achieve superior R values in accordance with NCC 2022 Section J requirements.
- Certified R values for a variety of building configurations from R3.6 to R6.22.
- Component fire performance testing to AS1530.2:1993 (R2016) and AS/NZS 1503.3:1999 (R2016).

## DESIGN:

- Provides an optimal way to achieve building insulation / energy efficiency requirements without complication to structural design and roof sheet installation and finishing.
- System utilises the purlin depth to provide required insulation and thus lowers the roof height as compared to roof spacer systems.



## CONSTRUCTION:

- System utilises existing traditional trades for integrated bridging, safety wire, insulation and roofing installation.
- Lightweight and compact enabling easier handling and installation.
- Components delivered pre-assembled and readily adjustable on site using traditional purlin bolts significantly reducing installation time and costs.
- The system provides for “blanket free” insulation solutions, providing a fibre-free, non-allergenic solution that is also easy to install.

## SAFETY:

- The SUPABRIDGE™ system incorporates Roof Safety wire tested to AS/NZS 4389 : 2015 and is independently certified as a suitable fall restraint system for commercial/industrial roofing applications.
- System provides clear vision of the roof purlins, providing easy visualisation for roof fastener affixing.
- Eliminates potential for roof spacer “roll over” during sheeting installation.
- The SUPATHERMIC™ thermo cellular flame-retardant bubble core insulation system does not use glass wool fibres removing the need for specialist PPE for installation.

FOR DETAILED PRODUCT INFORMATION,  
MANUALS AND PROJECT CASE STUDIES VISIT:

[LYSAGHT.COM](https://www.lysaght.com)

FOR SALES ENQUIRIES CALL 13 30 38

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INSPIRATION TO BUILD BETTER

**LYSAGHT**