

MiTek®

COMMERCIAL SOLUTIONS

# ULTRA-SPAN®



THE  
NON-COMBUSTIBLE  
SOLUTION

## CREATING THE ADVANTAGE IN LIGHT GAUGE STEEL

The low mass per m<sup>2</sup> (between 2-10kg) of this roofing system ensures both savings on the supporting structure as well as on transportation and erection costs whilst also being vermin proof and non-combustible.

Large sections of the roof can simply be pre-assembled on the ground and hoisted into position on the walls – making this one of the most viable systems with a large range of applications up to a clear span of 40m.

Supported through a substantial network of licensed component manufacturers, Ultra-Span is ideal for all local and export applications where it can be pre-assembled or site assembled.

# WHY ULTRA-SPAN®

## WHY USE LIGHT GAUGE STEEL TRUSSES?

Is your roof too large to be done in timber or are you shipping roofs into Africa and paying dearly for transport? Maybe you wish to supply affordable housing roofs, large span commercial roof structures or simply prefer non-combustible roof structures? Whatever your need – Ultra-Span offers the solution!

MiTek, the world's leading provider of home building and commercial solutions to the construction industry, is proud to present the Ultra-Span Light Gauge Steel Truss System.

Your local MiTek component manufacturer can provide you with design and pricing information on Ultra-Span utilizing state of the art MiTek Pamir software, alternatively your MiTek regional offices will gladly assist.

Ultra-Span trusses can be supplied in "kit-form" (low cost housing or other similar projects) whereby trusses are assembled on site (contributing to local skills transfer and employment), or in prefabricated form ready for installation on the roof.



## Build with the most versatile roofing system in the market

### ADVANTAGES OF THE ULTRA-SPAN® LIGHT GAUGE STEEL TRUSS SYSTEM:

- Elegant simple system, with all members straight and true for a level roof.
- Span capability from small affordable housing to large 40m clear span commercial structures.
- Longevity of product due to galvanized coating plus inherent properties of non-combustibility, resistance to borer and fungus attack.
- Lower weight reduces transportation costs, improves handling and erection.
- Ease of truss manufacture with screws from only one side using electric / battery fixing tools directly on site or in factory conditions.
- With crane installation, up to 1000m<sup>2</sup> a day.



## Applications

Light gauge steel offers a wide range of benefits when compared with conventional construction using other framing materials. There are advantages in terms of quality, cost, durability, and speed of construction.

Additional benefits include reduced wastage, lower logistical costs and earlier occupation offer cost savings.

A further site advantage, especially on large low-cost housing sites is the inherent resistance of light gauge steel to warping in poor weather conditions as well as the materials being non-combustible.

When it comes to large span structures MiTek has proven many times over that its Ultra-Span light gauge steel roofing system is very much the product of choice and has been widely utilized successfully on various commercial projects.



# WHY MITEK

## Enabling Breakthroughs with Commercial Building Solutions.

The future of the commercial building industry requires a greater commitment to componentization and modular construction. We are focused on bringing our customers solutions with integrated technology and greater collaboration to help reduce risk, improve efficiency, and increase the profitability of their building projects



### KEY BENEFITS

- One-sided fabrication
- 100% non-combustible prime steel
- Industry leading Pamir estimating and design software
- Guaranteed minimum steel properties
- Complete documentation including bracing, connections and installation
- Members can be cut to length upon order
- High recycled content



[MITEK.CO.ZA/ULTRA-SPAN](https://mitek.co.za/ultra-span)

+27-11-237-8700 | [SAEnquiries@mii.com](mailto:SAEnquiries@mii.com)