



S-HOUSE™ **ROOF SYSTEM**

Covered to
insulate

ABOUT US

BOAL SYSTEMS **GREENHOUSE ROOF SYSTEMS**

BOAL Systems offers an extensive range of aluminum deck and sidewall systems for high-tech glass and foil horticulture, as well as for the growing demand for horticultural solar solutions. We have established long-term cooperative relationships with our customer base of regional and global greenhouse construction companies. BOAL Systems has delivered more than 10,000 hectares of new greenhouses worldwide.

Our modular greenhouse systems can be equipped with fully integrated sustainable solutions such as climate screens, insect netting, insulation and ventilation systems. These are tailored to specific project requirements, size and complexity, as well as local geographic or climatic challenges such as earthquakes, extreme storms, heavy snow, hail or rainfall.

With a strong focus on partnership, engineering and R&D, BOAL Systems is at the forefront of high-tech indoor growing with superior technical capabilities and improved light transmission. It enables growers to achieve optimal yields with minimal resources.



S-HOUSE™ ROOF SYSTEM

THE S-HOUSE™ ROOF SYSTEM INSULATION AT ITS BEST

The innovative S-House™ deck system creates a spacious commercial or manufacturing space, or even an indoor farm.

The system is an ideal highly insulating solution when the indoor climatic environment needs to be precisely controlled. With the S-House™ system, you can create the perfect climatic environment for your business, where functionality and comfort come together.

THE SYSTEM

The complete S-House™ system is specially designed for the assembly of high quality sandwich panels.

This versatile system offers a unique combination of freestanding construction, large width spans and exceptionally high insulation value.

By minimizing the number of connected profiles and using high quality insulation materials, heat loss through thermal transmittance is minimized and the indoor climate remains stable. In addition, the system limits condensation on the inside of the deck.

In short, with S-House™ you are assured of a sustainable and comfortable space in which your activities are at their best.

TECHNICAL DATA

The S-House™ system is the ideal solution for creating a large floor area for various industrial purposes. Thanks to the use of large steel spans, a lot of free floor space is created, which is extremely suitable for housing (processing) machinery, logistic processes and (cultivation) production activities.

In addition, the advanced sandwich system, suitable for panels of 40, 60, 80 and 100 mm thickness, ensures optimal insulation and control of the indoor climate.

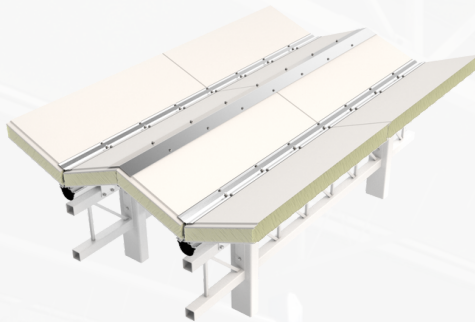
The system is easily installed on the box section of the steel substructure, creating a durable deck with impressive load-bearing capacity relatively quickly.

For a seamless and technically sound transition to different coverings, the S-House™ system uses special transition profiles. Carefully designed and manufactured to provide a tight and efficient integration between the S-House™ system and the desired covering, such as glass.

S-HOUSE™ **SUSTIANABLY INSULATED**

BENEFITS AT A GLANCE

- Suitable for use as a freestanding structure with large spans
- Sleek and highly insulating design
- Designed for easy and durable installation
- Smart condensation and leakage management



PURPOSE

Ideally suited for creating integrated processing and storage areas for various growing environments and other applications.