

ENERGY CURTAINS & THERMAL REFLECTIVE SCREENS

for Microclimate Control
in Greenhouses and Nurseries



WHY SHOULD YOU CONSIDER INSTALLATION OF ALUMINET® SCREENS?



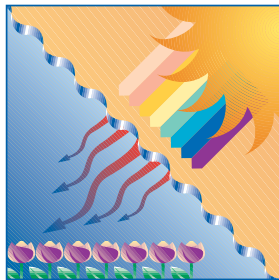
ENERGY SAVING

Saves energy

Aluminet® screens have been tested and proved to save over 50% of heating energy, which means direct reduction of your operational costs.

Increases yields

Better temperature control, together with optimized light management, ensure maximum yield from your greenhouse. Aluminet® screens raise plant temperatures at night, avoid overheating in the day and improve photosynthesis by increasing the amount of scattered light.



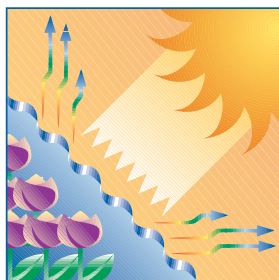
SHADE

Protects against frost

Many outdoor crops benefit from improved climate management. Aluminet® screens installed on light-frame shade houses protect crops from frost, wind and heat stress, increasing both crop quality and productivity.

Warranty

Aluminet® screens carry a long-term guarantee on product quality. The company's quality assurance policy focuses on supply of quality products to its customers - for long-term use - under harsh and diverse field conditions. All the company's activities are conducted under ISO 9001 and IQNet standards.

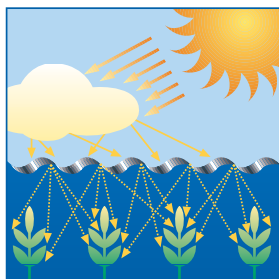


REFLECTION

HOW DOES IT WORK?

Double-side reflection

Aluminet® screens reflect sun radiation during the day, reducing overexposure to heat, and reflect IR radiation at night, increasing plant temperature and reducing risk of freezing. The screens also prevent condensation on leaves.



DIFFUSED LIGHT

Light Diffusion

Aluminet's special structure improves light management. The use of special additives and the multifaceted reflection of the twisted Aluminet® strips contribute to efficient diffusion of incoming radiation, creating uniform light throughout the greenhouse.

