



MODULAR INSULATED COVERS (MIC)

MAXIMIZE THE EFFICIENCY OF YOUR WASTEWATER TREATMENT

MIC Covers use insulation to help maintain constant temperatures in wastewater treatment ponds, optimizing performance year-round. They can also help improve efficiency as demands on the system increase, potentially eliminating the need for expansion. Facility operators have turned to MIC covers for years to help them achieve more stringent discharge requirements.

Layfield's Modular Insulated Covers are designed to retain heat in water and wastewater ponds when the ambient temperature is different from the lagoon temperature. Properly designed systems have demonstrated the ability to hold temperatures steady around 10°C [50°F], even when temperatures dip as low as -40°C [-40°F], allowing for efficient wastewater treatment year-round.



MODERATE LAGOON TEMPERATURE YEAR ROUND

These covers incorporate encapsulated closed-cell foam insulation to help maintain optimal treatment temperatures year-round.



SHIELDS SUNLIGHT TO CONTROL ALGAE

Prevents algae blooms that can hinder treatment performance and cause maintenance issues.



CONTROLS ODOR RELEASE

Insulated covers reduce odors by reducing the evaporation of volatile compounds from the lagoon.