

HAN YANGLING MUSEUM XI'AN, CHINA



Heated glass from IQ Glass has been installed at the Han Yangling Museum in the Chinese city of Xi'an to protect its terracotta figures. Super Spacer®'s warm edge technology is helping to keep the statues in top condition.

The vast underground tomb and its artifacts belong to Emperor Jing Di named Liu Qi (188 B.C. - 141 B.C.), who was the fourth Emperor of the Han Dynasty.

"The Chinese government needed to create a perfect atmosphere to preserve these priceless artifacts," explains Dirk Ceyskens, Owner of Glas Ceyskens Belgium, which manufactures IQ Glass products. "As the museum is underground, we had to make sure there were no problems with condensation."

IQ Glass is a heated-glass window system that has been available in Europe for more than 17 years. IQ glass features a double pane structure that allows radiant heat to warm sunrooms, conservatories, indoor swimming pools and other rooms that are difficult to heat with traditional convection heating.

"This was one of our first major projects with heated glass," continues Dirk, "but we're now working on five other projects with Super Spacer in China, and several in Europe, including Luxembourg, Portugal and the UK."

TECHNICAL DETAILS OF THE PROJECT



THE CLIENT Han Yangling Museum

THE PROJECT Over 32,000 square feet of glass was manufactured in Belgium before being sent to China.

CONSTRUCTION The inner pane of IQ Glass has a thin metal-oxide coating that helps disperse heat equally, while the outer pane has a special coating that keeps heat inside while repelling cold air. The Krypton gas-filled units with Super Spacer manufactured for the project achieved an amazing level of thermal insulation - 0.148 BTU/hr ft² F (0.84 W/m²k).

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