Airports

Heathrow Airport, United Kingdom

'As Facility Manager I need to be able to rely on our climate system'

'*A good climate system enables us to work efficiently*'

'The breakdown of our air conditioning system would completely disrupt the airport's operations'

'Our customers must have air of a good quality'

WHY PROTECT AIRPORTS' CLIMATE SYSTEMS?

- City gasses are highly corrosive
- Humidity is highly corrosive
- High levels of kerosine

HOW

- Patented Blygold application protocol

BENEFITS

- Energy savings up to 20%
- Extends the lifetime of the climate system
- Prevents breakdown of the climate system
- Treatment costs can be recovered in 1 year

Airports


Shanghai airport, China

A SELECTION OF REFERENCES

- Heathrow Airport
- Schiphol Airport
- Gatwick Airport
- Glasgow Airport
- Manchester Airport
- Shanghai Airport
- Satolas

INCREASED RISKS FOR CLIMATE SYSTEMS AT AIRPORTS

Every year millions of passengers visit airports all over the world. These airport buildings need a well maintained air conditioning as it is essential for an improved indoor air quality. At an ever increasing rate, corrosion occurs due to acid rain, discharge of kerosene, salty winds, industrial gasses and other aggressive exterior influences. A corroded air cooled heat exchanger causes a higher condensing temperature and a lower cooling capacity, resulting in a higher energy consumption of the system.

Blygold protects air conditioners of airports all over the world. This results in benefits for the passengers, facility owners, Maintenance Managers and equipment manufacturers.

ENERGY SAVINGS TOP PRIORITY

The Protocol of Kyoto, formulated in 1997, aims to minimize the emissions of greenhouse gasses.

141 countries have agreed to reduce the emissions of greenhouse gasses from the level in 1990 by an average of 5% during the period between 2008 and 2012.

Energy conservation at all levels makes a substantial contribution to these emissions. Nowadays energy conservation should be an item on the agenda of every Facility Manager.
Climate systems are the major consumers of energy and need to be assigned top priority.

PRACTICAL EXAMPLE

	Cooler without Blygold coating	Cooler with Blygold coating
Condensation temperature	56 °C	48°C
Energy consumption	119 kW	113.4 KW
Running hours per annum (598 MW cooling capacity)	2000	1834
Energy consumption	238000 kWH	207775 kWH
ENERGY SAVINGS		**13%**

Contact your local Blygold applicator for extensive test reports

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YOUR LOCAL BLYGOLD APPLICATOR