

# Office Buildings



European Parliament, Belgium

‘Agreeable working conditions are characterized by a suitable climate’

‘We use much less energy’

‘We recouped the costs within a year’

‘We are assured of a reliable climate system’

## WHY PROTECT OFFICE BUILDING'S CLIMATE SYSTEMS?

- City gasses and acid rain are highly corrosive
- Industry gasses are highly corrosive

## 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

# Office Buildings



## A SELECTION OF REFERENCES

- Fortis Bank
- European Parliament
- Coca Cola
- Covee
- ABN Amro
- Shell International Chemicals
- British American Tobacco BV
- Heineken Nederland BV
- Esso Nederland BV

### INCREASED RISKS FOR CLIMATE SYSTEMS IN OFFICE BUILDINGS

Indoor climate is influencing man's well being at an ever-increasing rate. Office buildings depend greatly on the air conditioning system to control sick absenteeism, productivity and energy consumption. The ever increasing outside air pollution, salty winds and industrial gasses create a corrosive environment for the air conditioning systems. A corroded air cooled heat exchanger causes a higher condensing temperature resulting in higher energy consumption and reduced cooling capacity.

Offices all over the world use Blygold to ensure a high efficient and hygienic air conditioning system.

### 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 and the major consumers of energy are need to be assigned top priority.

### CONTACT

Blygold International B.V.  
 PO Box 44, 3990 DA Houten The Netherlands  
 Phone: +31 30 6344344 – Fax: +31 30 6344300  
 E-mail: info@blygold.com – www.blygold.com



### 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

### YOUR LOCAL BLYGOLD APPLICATOR