

**Think**

**Green**

For sustainable development.



**Central St. Giles, London**

Architect: Renzo Piano Building Workshop with Fletcher Priest Architects



**Loreto College, Manchester**

Architect: Taylor Young

Both projects, which featured DORMA products, achieved a BREEM Excellent rating. The Ellis & Kennedy Building at Loreto College won the BREEM Further Education Award in 2010.



**BREEM**  
The Building Research Establishment Environmental Assessment Method

4 out of 5 investors see energy efficient building projects as the way forward.\*



**DORMA is actively involved in “green” projects.**

Sustainability in the property market carries with it significant challenges. Climate change and increasing energy costs are driving the demand for economically and ecologically viable buildings.

The majority of project developers and investors see energy efficiency as one of the most important criteria in this regard\*. Because studies prove that sustainable buildings are able to attract significantly

higher rents for a given level of construction cost\*. And in this domain too, DORMA has proven to be a responsible partner in the national and international construction project business.

From system advice to sustainable product quality, we offer a comprehensive, integrated portfolio designed to be conducive to a “greener” future.

\* Source: DEGI Research 2009.





Sustainable development means effectively conserving primary resources.



## This is why DORMA is committed to ISO 14001:2004.

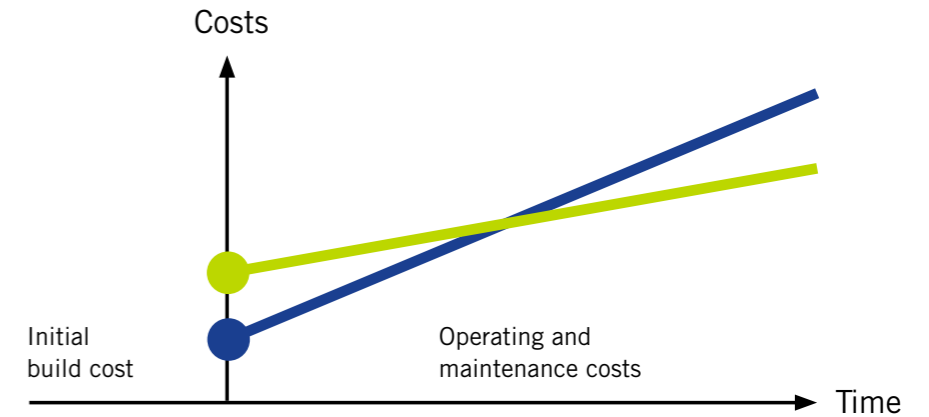
Nowadays, ecological responsibility is a must when it comes to dealing with primary resources and it is an imperative that DORMA has long recognised. As part of this commitment DORMA became the first company in our industry to

achieve ISO 14001:2004. We have strived to reduce our costs and improve our business processes, whilst minimising the impact that these activities have on the environment. For example, our waste management system ensures that we recycle office paper,

cardboard, mobile phones and printer cartridges. DORMA are also in partnership with an external Waste Management team who ensure that all our waste is recycled where possible. Electronic communication software is one of the tools that

DORMA has used to reduce our environmental impact. This software enables efficient and accurate job allocation to engineers through the use of PDA's, to reduce unnecessary mileage reducing both costs and CO<sup>2</sup> emissions.

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**KT revolving door**  
 DORMA revolving doors ensure effective separation between the internal and external climates. Energy losses are kept to a minimum, cutting the cost of both heating and cooling.

“Sustainable real estate offers significant advantages in the form of low operating and maintenance costs. The reasonable additional costs in planning and construction are usually amortized within a few years”  
 (Source: DGNB German Green Building Council)

Protecting the future with a long term view.



## DORMA products – for sustainable living spaces.

Revolving doors are the most efficient way of controlling the climate at the entrance to the building. They act as an airlock keeping out draughts, noise and dirt. Energy losses are kept to a minimum

reducing the cost of both heating and cooling. As such they can assist in achieving the requirements of Approved Document L.

Many clients are put off the idea of revolving doors because they have a higher initial cost than conventional automatic sliding doors. However the resulting savings in energy efficiency

mean that in the medium to long term revolving doors are more cost effective. At DORMA we have software which will calculate how quickly you will reach the break-even point.

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**Door Controls**

Our door closers help keep heat in and reduce draughts through a building.

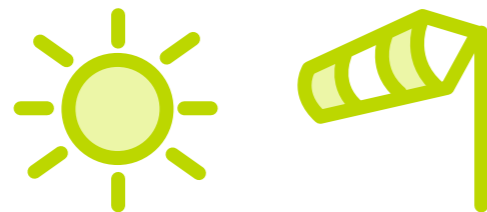
**Automatic swing doors**

The DORMA ED100 & ED250 swing doors offer real cost savings to reduce energy consumption.

**MOVEO Movable Wall system**

The flexible MOVEO Movable Wall system brings daylight flooding into interiors. This not only helps to save energy but also creates a pleasant working atmosphere.

Meeting your criteria: increased daylight and energy efficiency.



**DORMA products – for sustainable living spaces.**

Our ED100 & ED250 swing door operators feature an integrated wind-load control. The system recognises and compensates for wind loads with a force of up to 150N. This ensures that the door remains closed and heat is retained within the building.

IRS safety sensors can consume significant power when the mains power to the unit is not turned off. Our ESM (Energy Saving Mode) allows the safety sensors to be switched to standby saving up to 30% in energy consumption.

DORMA manufactures door closers and automatic door systems which, by reliably closing the barrier, reduce heat losses to make an important contribution to saving energy.

Open designs incorporating products such as the MOVEO glass movable wall system, enable daylight to be utilised and energy to be saved for maximum efficiency.

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# DORVISION: reducing the carbon footprint of our doors.



## DORVISION - always be ready for business.

DORVISION is a GPRS based wireless system concealed within the door equipment that allows your doors, wherever they are, to provide information 24/7. Should a problem arise with

the door, it will allow us to reset the doors remotely reducing the need for engineer attendance. This reduces maintenance costs and increases the likelihood of first-time fix.

It also gives the client greater control, particularly for large or multiple sites. They can lock/unlock and open/close the door without the need for them to attend the door site.

This allows both DORMA and our clients to reduce unnecessary mileage and CO<sup>2</sup> emissions.





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