

Wates Group

Wates Group, Leatherhead



As part of Project Dove, a major refurbishment of the Leatherhead offices took place in May 2016.

Propelair toilets were chosen to replace 27 standard toilets, increasing the buildings energy efficiency and water reduction, helping Wates win the Queen’s Award for Enterprise; Sustainable Development.

By replacing the 27 original toilets with Propelair 1.5 litre flush units, Wates can expect to save over 2.6 million litres of water.



- The installation of 27 Propelair toilets will achieve an **87% water saving**
- Annually this will **save 2,630,786 litres of water** (building utilisation = 245 days)
- An annual **carbon reduction of 984 kg**



- 2,630,786 million litres of water saving = **£5,525 reduction in water bills annually**
- Payback achieved in **3.8 years**

*See table below for flush data, annual savings and payback



- Propelair’s unique displaced air technology efficiently **removes all waste with one flush**
- Reduces airborne germs by up to **95%**
- Removes up to **99.9%** of waterborne contaminants

*All figures represent a single Propelair unit

Metered Water Charge	Flushes per Day	Previous Flush Volume	Annual Savings		Payback
			Water	Financial	
£2.10/m3	41	11.2 litres	97,437 litres	£204.62	3.8 years