

Image 01: Northwest view © Scott Tallon Walker And	chitects	Image 02: West view © Scott Tallon Walker Architects	Image 03: Interior view © Scott Tallon Walker Architects
Building Specifications			
Address	Citywest Business Park, Dublin 24, Ireland		
Building Category	Offices (8244m ² over 3 floors)		
Year of Construction	1999		
Special Qualities	Mixed Mode Stack Ventilation Solution, Exposed Concrete Soffit Design		
Location	53° Northern latitude, 6° Eastern longitude. Located in a commercial business park in a suburban area with some buildings of similar size around it.		
Climate	Cfb (warm temperate climate, moist with adequate precipitation in all months and no dry season warm summer)		
Vent. Cooling Site Desig	n Elements (Sola	ar Site Design and Wind Exposure Design, Evapo	prative Effects from Plants or Water)
period of low angle w	inter sun. To of rved external br	-south axis. This maximizes natural daylig fset increased cooling demand from the so rise soleil system is utilized allowing low a summer sun.	olar gains along the south façade during
Vent. Cooling Architectu	ral Design Elem	nents (Form, Morphology, Envelope, Construct	ion & Material)
	tioning. High le nternal deep pla		ne central spine of the building are used to n summer months. Mechanical ventilation
capture sunlight for in			
capture sunlight for in within the exhaust sta		irflow Guiding Components, Airflow Enhancing	Components, Passive Cooling Components)
capture sunlight for in within the exhaust sta		irflow Guiding Components, Airflow Enhancing	Components, Passive Cooling Components)
capture sunlight for in within the exhaust sta Vent. Cooling Technical	Components (A		Components, Passive Cooling Components)

IEA EBC Annex 62 Ventilative Cooling

Actuators, Sensors and Control Strategies

No information available.

Building Ownership and Building Facility Management Structures

Owned and operated by the Eircom.

Architect: Scott Tallon Walker Architects

Acknowledgements

n/a

Datasheet Source:

Scott Tallon Walker Architects, Cork Institute of Technology

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