

creating living space



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With an enclosed balcony, heat gain through passive energy is the result of a greater window to floor ratio than that of an open balcony or traditional window. **Sustainability**, thus heat retention, saves energy and money, whilst frameless panes maximise natural light; and reduce energy requirement. Natural ventilation eradicates the need for expensive and energy consuming air conditioning/moisture extraction equipment.

Safe for young or old the enclosed balcony system offers **Protection & Security** from the elements and unwanted intruders. Protection from rain, snow, wind, hail, cold and dirt enables a more usable space for longer. Intruders are deterred, whilst access by unwanted wildlife, eg pigeons, is prevented, protecting not only the occupant, but the fabrication of the building itself. Safety railings ensure that this private space is fully compliant with building regulations.

Noise pollution and its effects can often be incalculable to quality of life. The enclosed balcony system offers greater **Noise Reduction** than an open balcony can provide. Independent calculations have confirmed a 17db noise reduction for a single glazed enclosed balcony; a benefit where properties are close to roads, railway lines, airports, recreation areas or town centres. The enclosed balcony also contains noise, making the space more private and more usable.

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A naturally heated space, the enclosed balcony system by Windoor, is a much more desirable option for occupants than an open balcony, significantly increasing the useable days per year. With the flexibility to have the balcony open or closed the facility leads to a much-improved quality of life, leaving occupants much happier and therefore more stable. Increased pride leads to greater care not only of the property, but communal and surrounding areas.



The unique **design** of the Windoor enclosed balcony system means that each project is tailor-made to compliment the building. Balcony glazing can be full or half height, sectional or full atrium, straight or curved. Available in a range of finishes including colour, glazing and façade, the additional accessories complement the design and add that finishing touch!



Easy to clean the system has unique runners that facilitate internal opening sections to 90°. This means that all panes can be cleaned on both sides from the safety of the balcony and can therefore be carried out by the occupant resulting in minimal effort for the Housing Association. Because the panels are frameless they are not bulky and have no ugly sight lines.



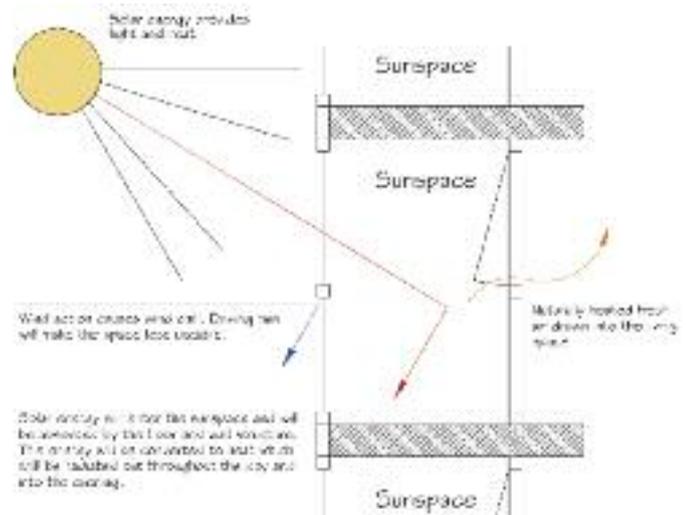
Enclosed balconies, as part of your renovation programme, can be fixed to the existing fabric of your building. This means that the glazing is able to protect the buildings façade resulting in lower **maintenance costs** arising from dirt and general wear and tear.



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making the most of unheated space



Enclosing the balcony maximises the following benefits:

- **Unheated space** - air temperature rises as a result of passive solar gain.
- **Solar Energy** - is absorbed by walls and floors, providing heat radiation during the day/evening.
- **Protection** - from the environment. (Wind, rain, noise)
- **Buffer-zone** - is created reducing inside and outside temperature differential.
- **Natural ventilation** - trickle vent allows fresh air movement and reduces condensation.
- **Drainage** - of water ingress is managed.

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