

Automatically Green and Convenient – Sliding Door Entrance Solutions

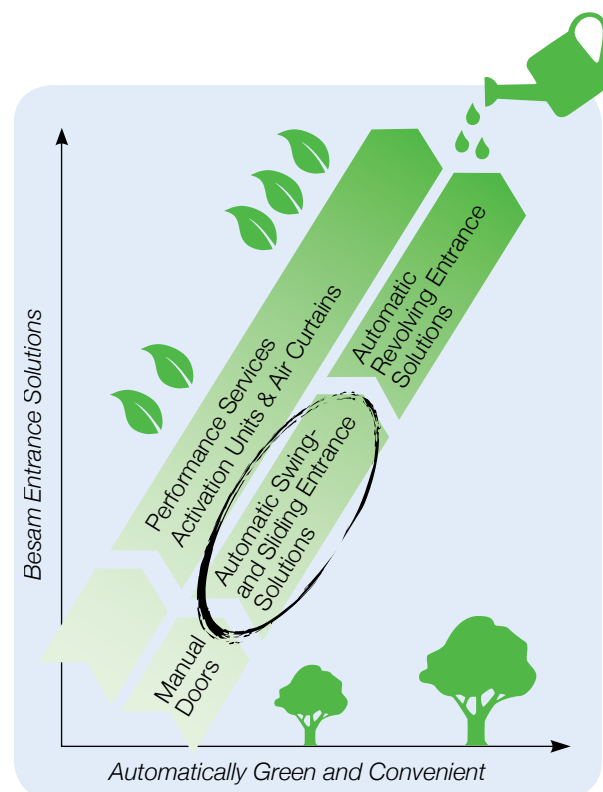


Because it uses electricity to operate, an automatic door may not immediately come to mind as an energy-saving alternative to a manual door. But for external entrances to climate-controlled buildings, an automatic door is often a “greener” option. This is because an automatic entrance is only open when actually in use and eliminates any need to leave the door open for convenience, which reduces the amount of energy needed to heat and/or cool the building.

While such an entrance is very convenient and welcoming for visitors by opening automatically, there are also environmental benefits gained from the door closing automatically. In addition to helping maintain a more stable and comfortable indoor temperature, the internal environment is vastly improved when street noise, vehicle exhaust, wind and draughts are kept to a minimum.

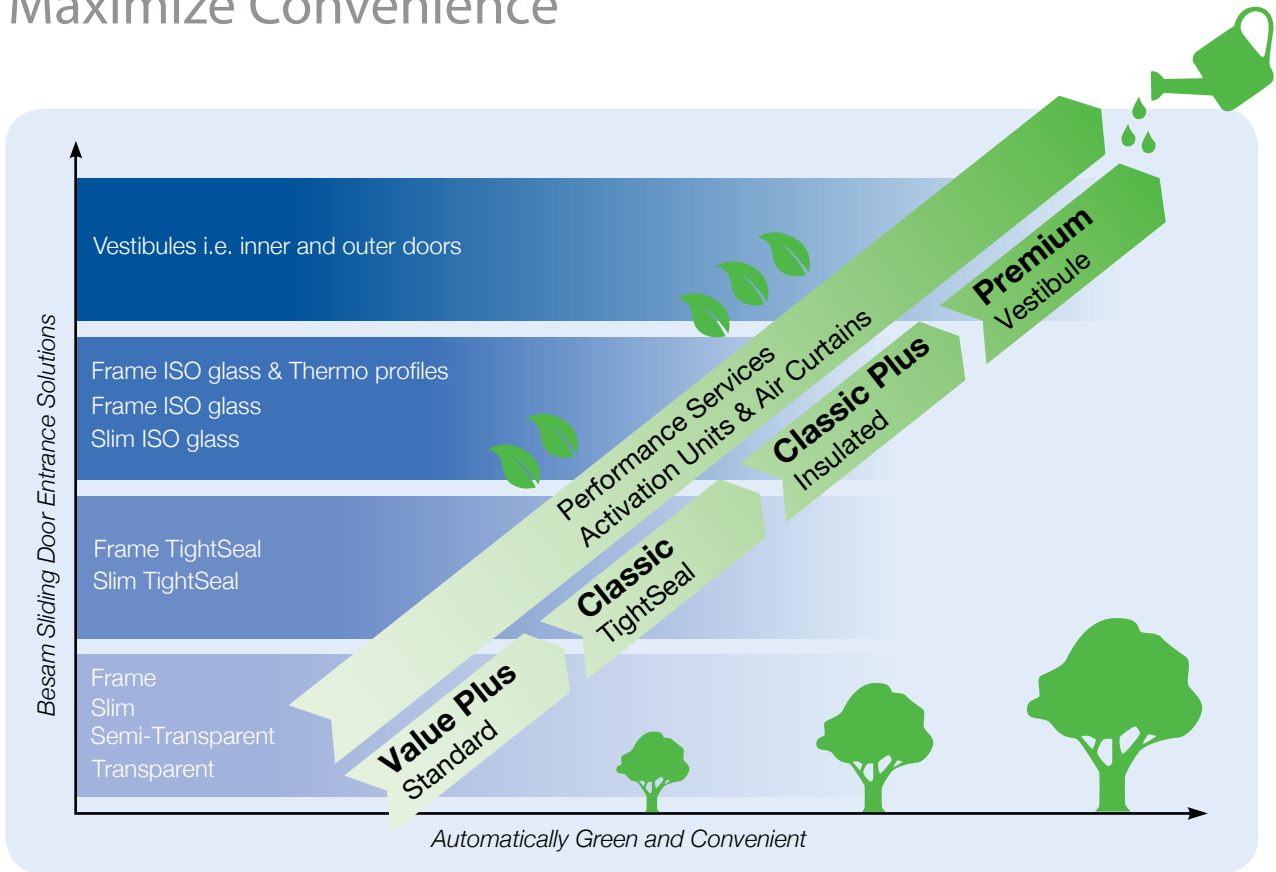
Besam Automatically Green

Besam designs, manufactures, sells and services automatic entrance solutions that help our customers reach their own sustainability goals while minimizing the impact on the environment over the product life cycle.



Minimize Your Energy Losses. Maximize Convenience.

Minimize Your Energy Losses Maximize Convenience



Value Plus Standard

Besam's ADS automatic sliding door systems (Transparent, Semi-Transparent, Slim and Frame) will provide energy saving benefits as standard, but there are three additional configurations that can make your entrance progressively greener.

Classic TightSeal

Both the Slim and Frame ADS systems have new profile shapes that can be fitted with brushes to give the door leaves a tighter, more energy-saving seal. The TightSeal feature minimizes draughts, air leakage and water infiltration, which is especially optimal during non-business hours, but also beneficial whenever the door is closed during opening hours. Using TightSeal will cut down air leakage/infiltration up to 60% compared to standard profiles. Frame and Slim Thermo ADS systems classify for EN 12207 (Air Permeability) class I.

Classic Plus Insulated

The addition of insulated glass will further prevent energy losses. Depending on the configurations of thicker glass and gas as insulation, energy losses can be cut in half or more. The ADS Frame is also available with thermo profiles for maximizing insulation value.

Premium Vestibule

Finally, Besam can also build vestibules around virtually any of its ADS systems. The addition of a vestibule to an existing entrance creates another layer of protection against energysapping elements such as wind and extreme temperature.

Activation Units, Air Curtains & Performance Services

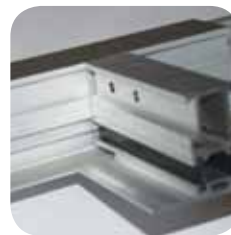
The addition of optimal activation units, air curtains and Besam Pro-Active Care services will optimize the performance of your doors, make your entrances even more energy-efficient and extend the life of your equipment.



TightSeal brush



Insulated glass



Thermo profile



Activation Unit

Besam Green and Convenient Benefits



Value Plus Standard

- An automatic door saves energy while being convenient
- Provides convenience for all users, but especially the physically disabled, parents pushing baby carriages, travelers carrying luggage, etc.
- Automatic doors are hygienic since users do not have to touch anything in order to open them
- Closed doors save energy. An automatic door is only open when actually in use
- High levels of energy savings compared to manual doors that have to be held open in order to be convenient



Classic TightSeal

- All the benefits of Besam Green Value Plus are included
- New profile shapes and brushes tightly seal the door
- The TightSeal features minimize draughts, air leakage and water infiltration, which is of optimal benefit during non-business hours, but also whenever the door is closed during other times
- Using TightSeal will cut down air leakage/infiltration up to 60% compared to standard profiles
- Frame and Slim Thermo ADS systems classify for EN 12207 class I



Classic Plus Insulated

- All the benefits of Besam Green Classic are included
- Insulated glass prevents migration of warm and cold air
- Insulated glass ensures additional convenience by providing a better barrier against outdoor noise like traffic
- Thermo profiles provide better separation of indoor and outdoor climate zones



Premium Vestibule

- Two Besam sliding doors create a vestibule, resulting in an energy-saving barrier between the indoor and outdoor climate zones
- Vestibules enhance the indoor environment close to the entrance, allowing it to be used more effectively
- Vestibules improve the quality of the indoor environment by minimizing incoming noise, exhaust, dust, etc.
- The optimum vestibule is constructed from Besam Green Classic Plus sliding doors





Optimal Activation Unit

- Automatic doors are Green while providing convenience
- Automatic doors are only open when in use
- The correct Activation Unit, properly adjusted, minimizes door-opening time



Optimal Activation Unit and Air Curtain

- All the benefits of Optimal Activation Unit are included
- An air curtain installed in combination with the automatic door saves energy by creating an invisible barrier between climate zones when the door opens
- The most effective solution for energy savings in high-traffic applications



Performance Service – Besam Pro-Active Care

- Optimizes the performance of your doors. Fewer breakdowns and better performance keep the interior climate more stable
- Makes your entrances more energy-efficient. More reliable door performance minimizes energy losses
- Extends the life of your equipment. Reduces the impact of material replacement on the environment



This equipment should be installed, regularly inspected, maintained and serviced by trained and authorized personnel. Preventive maintenance plans are highly recommended for a proper and safe operation. Talk to your Besam representative to learn more about Besam Pro-Active Care!

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