



DWS-SFD

HORIZONTAL SIDE FOLDING DOORS

The DWS-SFD side-folding door system combines durability with design flexibility, making it ideal for heavy-duty applications. Constructed from galvanized welded steel profiles with seamless corners, it prevents dirt and water infiltration. The system supports various infill options allowing seamless integration as part of diverse architectural designs.



SIDE-FOLDING 2+2 FOUR-FOLD CONFIGURATION

Built from ultra-robust materials to meet intensive commercial and residential demands, the door accommodates up to 16 feet of uninterrupted glass, delivering a sleek, modern aesthetic.

Engineered for longevity, the DWS-SFD requires minimal maintenance due to its advanced opening mechanism and wear-resistant components.

Optional thermal break within the door sections, frames, and guiding rails achieves a U-factor of 0.28, enhancing energy efficiency. With minimal side room and headroom requirements and an interior projection of just 8 inches, the DWS-SFD is among the most space-efficient door solutions available.

TESTING + RATINGS



HIGH WIND LOADS

IFT ROSENHEIM, CLASS 4

System lasts up to 5,000 Pa (200 mph), motor tested up to 1,100 Pa (95 mph).

WATER PENETRATION

IFT ROSENHEIM, CLASS 3

Tested up to 200 Pa (40 mph).

AIR PERMEABILITY

IFT ROSENHEIM, CLASS 4

BURGLARY RESISTANCE

IFT ROSENHEIM, CLASS RC4

BUILT TO LAST

Tested for up to 1,000,000 cycles.



THE HIGHEST TECHNICAL STANDARDS

Advanced motorization allows the door to function without any wear on mechanical parts – no cables or counter-weights.



OPENING SPEED

Less than 7 seconds to open.

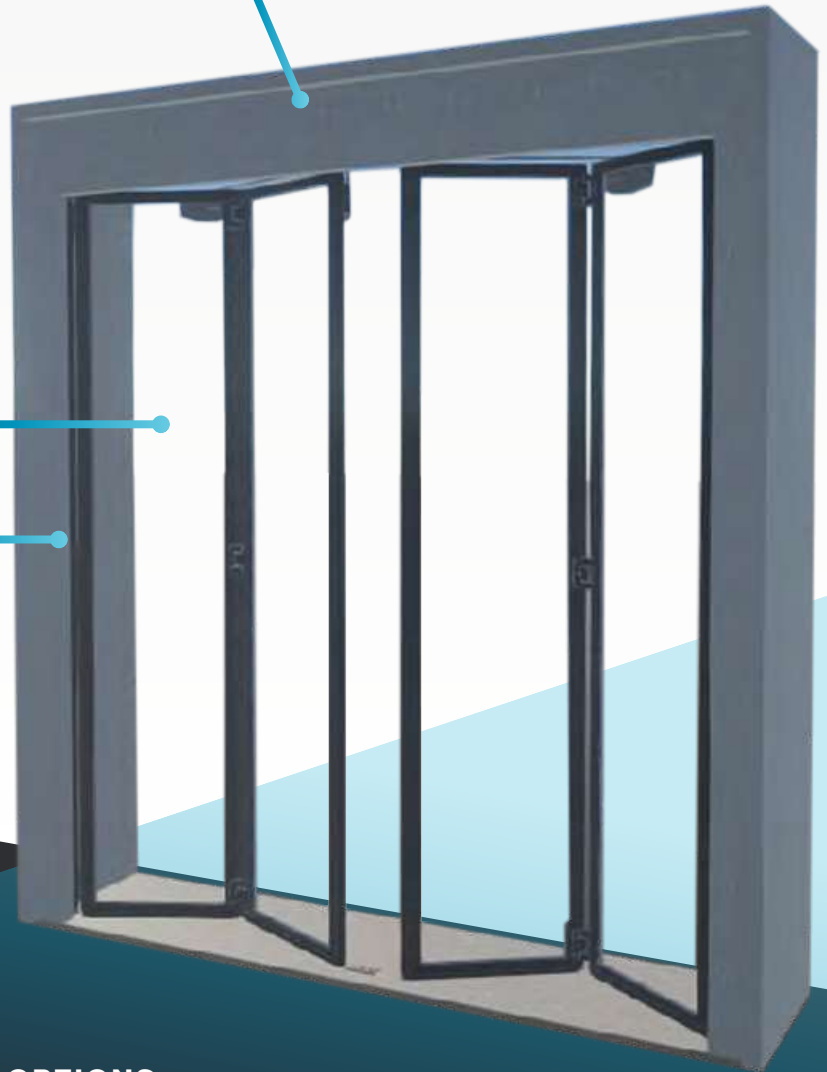


AVAILABLE THERMAL BREAK

Allows the door to achieve a U-Factor of 0.28.

UP TO 16 FEET OF CLEAN
UNINTERRUPTED GLASS

GALVANIZED, WELDED
STEEL PROFILES



ENDLESS DESIGN OPTIONS

Glass, Wood, Grids, Perforated Metal, and custom exterior cladding and infills.



DWS-SFD folding doors are also available as security gates. They not only offer you and your customers a better feeling, but also the right protection against burglary in case of emergency.

Our doors have been thoroughly tested and officially certified by IFT Rosenheim in the resistance classes WK3 (RC3) and WK4 (RC4).

DOOR INNOVATION + CUSTOMIZATION

Each vertically operable DoorWall is built to be classically elegant, ruggedly durable and incredibly functional. It is our goal to solve your open space, architectural challenges with advanced DWS engineering. As a design partner, our engineers navigate complex site situations and assist with specific owner-driven design requirements or requests.

CONNECT WORLDS.
DESIGN WITHOUT LIMITS.™



Cover Image: DWS-SFD, installed, door in closed position (night)

Image Above: DWS-SFD, door in closed position (day), ultraclear impact glass

At DoorWall Systems we help commercial architects achieve beautiful open space solutions with advanced engineering.

Our upward acting doors are the solution to many commercial interior/exterior entrance and open wall architectural challenges.

doorwallsystems.com