



EASILY CHANGE FROM SLIDING TO PIVOTING

—
HSW FLEX Therm. The new horizontal
sliding wall that makes thermal separation
childishly simple due to the new lock bar.

HORIZONTAL SLIDING WALL FOR THERMAL SEPARATION

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HSW FLEX THERM. CLIMATE CONTROL MADE EASY

The user-friendly horizontal sliding wall system for thermal separation.



Strengths of the HSW FLEX Therm system:

- The new locking system on the pivoting/sliding panel enables operation with just one hand and makes it child's play to switch between door mode and sliding mode.
- A 40 % improvement in thermal separation value compared to the previous model ensures even greater comfort.
- The newly developed sliding wall system simplifies installation and sets new standards in clean and elegant design.
- With the reduction in the number of components, the new profile system has shorter installation times – with improved functionality.

HOT OR COLD – EVERYTHING UNDER CONTROL

HSW FLEX Therm. The simple lock bar system enables easy mode switching with just one hand.



Instant thermal separation

Thanks to horizontal sliding walls that offer thermal separation you have complete control over your room climate – no matter whether it's hot or cold outside. The concealed single-action door allows access while the rest of the frontage remains closed.

A comfortable inside temperature and almost unrestricted views ensure a relaxed atmosphere. The innovative lock bar system of the HSW FLEX Therm also enables outstandingly simple and reliable operation.

Effortlessness with clear benefits:

- Operation is hassle-free and uncomplicated thanks to the lock bar system – with no stooping or winding.
- Switching between sliding mode and door mode is extremely quick and easy.
- The position of the lock bar clearly shows the mode

status and enables reliable monitoring of the locking system.



From sliding mode to door mode in one move

It is extremely easy to switch between sliding mode and door mode. With just a single movement of the lock bar, the top and bottom bolts move at the same time. The position of the lock bar determines the mode of the panel.

- 1 Door mode:**
Lock bar pointing upward
- 2 Sliding mode:**
Lock bar pointing downward



Secure door mode thanks to three-point locking

In door mode, the three-point locking system of the new HSW FLEX Therm offers additional security for the entire unit. This means that the horizontal sliding wall is not only hassle-free to use, but also reassuringly secure.

- 3 Three-point locking:**
Secure locking in door mode

EFFICIENT IN FORM AND FUNCTION

HSW FLEX Therm. Clean design and improved functionality with thermal separation.



The new frame system – efficient and elegant

The entire frame system was redesigned and the number of components reduced for HSW FLEX Therm – with an improvement in functionality.

This results in major benefits:

- The straight lines of the frame without miter cuts create a uniform and elegant design.
- The new corner connecting system with simple screw fittings ensures a firm hold and speeds up installation.
- The reduced number of components gives shorter installation times.



The concealed door closer – almost invisible and hassle-free

The perfect symbiosis of technology and design. With the pivoting/sliding panel of the HSW FLEX Therm system, the ITS 96 3–6 door closer is concealed in the top glazing rail and therefore remains almost invisible.



Energy efficiency thanks to improved thermal separation

The HSW FLEX Therm offers a 40 % improvement in separation values compared to the previous model and therefore enhances the comfort factor even further. With the optimized track rail system, air is used to optimize the ther-

mal separation made possible by the shape of the synthetic separating web within the profiles.



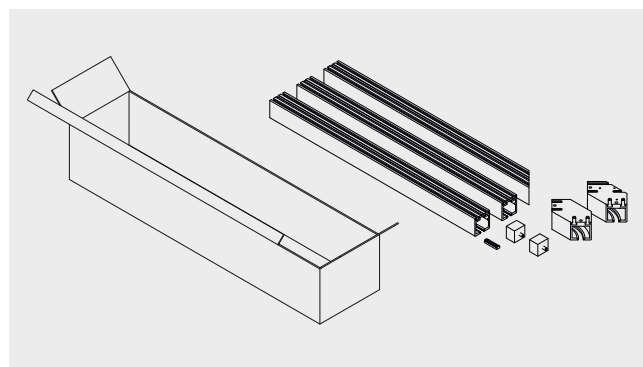
HASSLE-FREE AND SECURE PLANNING AND OPERATION

EasyKIT. The modular system that makes the realization childishly simple.

Efficient and hassle-free support – during all phases.

EasyKIT offers outstanding simplicity. The standardized modular system makes the realization of an HSW solution child's play. With the use of optional modular elements the HSW FLEX Therm system can be easily

planned and efficiently installed. Component standardization ensures significantly shorter installation times. Services from the global DORMA subsidiaries simplify realization – straight-forwardly and cooperatively.



Aesthetic and hassle-free – DORMA horizontal sliding walls.

They combine high flexibility, elegant transparency, ease of installation and convenient operation in a single system. Above all, they offer all these benefits together with excellent security as soon as laminated safety glass is installed – and meet all relevant standards.

	Standards
Heat separation	<ul style="list-style-type: none"> Heat transfer coefficient in accordance with DIN EN ISO 10077-1 and 10077-2
Endurance strength	<ul style="list-style-type: none"> Class 3 or better in accordance with DIN EN 1527, corresponds to 25,000 cycles for suspended sliding doors > 100 kg. Class 3 or better in accordance with DIN EN 1191, corresponds to 20,000 cycles for door function for pivoting double-action panel, pivoting double-action sliding panel and single-action door.
Impact test	<ul style="list-style-type: none"> DIN EN 13049 (simulation and impact loads), class 3 achieved
Corrosion test	<ul style="list-style-type: none"> Class 3 in accordance with DIN EN 1670 (near coast)



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