

FOR
ARCHITECTS

The new ST PRO Green sliding door Meets high demands securely

Increased environmental awareness and the pursuit of greater economic efficiency are the driving force behind the implementation of green buildings. The focus is on clean technologies and procedures to reduce emissions and conserve resources.

Sliding doors as a component of green buildings

For dormakaba, sustainability is one of the key success factors and it has therefore been enshrined as a cornerstone of corporate strategy. This is why the focus is on sustainability: both in production and in terms of use of the products. With the new ST PRO Green sliding door system, energy efficiency and resource conservation were taken into account when selecting materials and throughout the entire production process. These characteristics mean that the system contributes to the sustainability of buildings – even before it is installed.

Efficient, versatile and durable

The profiles of the ST PRO Green series are thermally separated and have triple type vitrification to achieve a U_D value (heat transfer coefficient) of up to $1.0 \text{ W}/(\text{m}^2 \text{ K})$. The system is suitable for single and double-leaf systems with and without escape route function. Clearance widths up to 3000 mm can be implemented. The door is powered by the new ES PROLINE drive generation. This means that a total of up to 400 kg of door leaf weight can be moved. The long service life of the operators (1.5 million cycles) also contributes to the sustainability of the door.

Tailor-made security

The ST PRO Green is available in two versions:

- ST PRO Green
- ST PRO Green RC2 – with RC2 anti-intruder protection

ST PRO Green – benefits at a glance

The new profile and drive system for sustainable, secure sliding doors



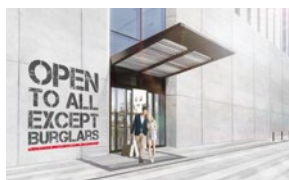
Maximum energy efficiency

The thermally separated profile and triple type vitrification means a U_D value of up to $1.0 \text{ W}/(\text{m}^2 \cdot \text{K})$ can be achieved.



A powerful drive

Door leaf weights of up to 400 kg are practicable without problems.



Tested security

Certified anti-intruder protection provides greater security where it is needed.



A durable drive unit

Tested and certified – the ES PROLINE drive easily performs 1.5 million operating cycles.



Simple planning

Specification texts and BIM data to simplify your planning. Our building management team will support you during all phases.



A design-oriented drive

The sensor system concealed in the cover means the door harmonises with the building architecture.

Technical data*

System dimensions and max. door leaf weight

	Version	ST PRO Green	ST PRO Green RC2
Drive type	Standard	ES 250 PRO/ES 400 PRO	ES 400 PRO
	Escape route	ES 250 PRO FST/ES 400 PRO FST	ES 400 PRO FST
Door parameters			
System width (B) min. =			
1-leaf			
Passageway installation (without safety clearance)		2 x LW + 153 mm	2 x LW + 233 mm
Wall mounting		2 x LW + 115 mm	2 x LW + 227 mm
2-leaf			
Passageway installation (without safety clearance)		2 x LW + 180 mm	2 x LW + 207 mm
Wall mounting		2 x LW + 120 mm	2 x LW + 207 mm
Clearance width LW in mm**			
1-leaf	Standard	700–3000	800–3000
	Escape route	900–3000	900–3000
2-leaf	Standard	800–3000	1000–3000
	Escape route	900–3000	1000–3000
Maximum door leaf weight in kg			
1-leaf			
ES 250 PRO/ES 250 PRO FST		1 x 125	
ES 400 PRO/ES 400 PRO FST		1 x 250	1 x 250
2-leaf			
ES 250 PRO/ES 250 PRO FST		2 x 125	
ES 400 PRO/ES 400 PRO FST		2 x 200	2 x 200
Clear passage height LH*		2050–3100	2050–3100

* The maximum practicable dimensions are subject to the respective door plans and door requirements and also depend on the selected profile system. For doors with tested anti-intruder protection, increased requirements are placed on the careful design of the structure.

** The minimum clearance width for escape route sliding doors is laid down in the respective regional building codes and may vary.

Any questions? We would be happy to answer any questions you may have.