

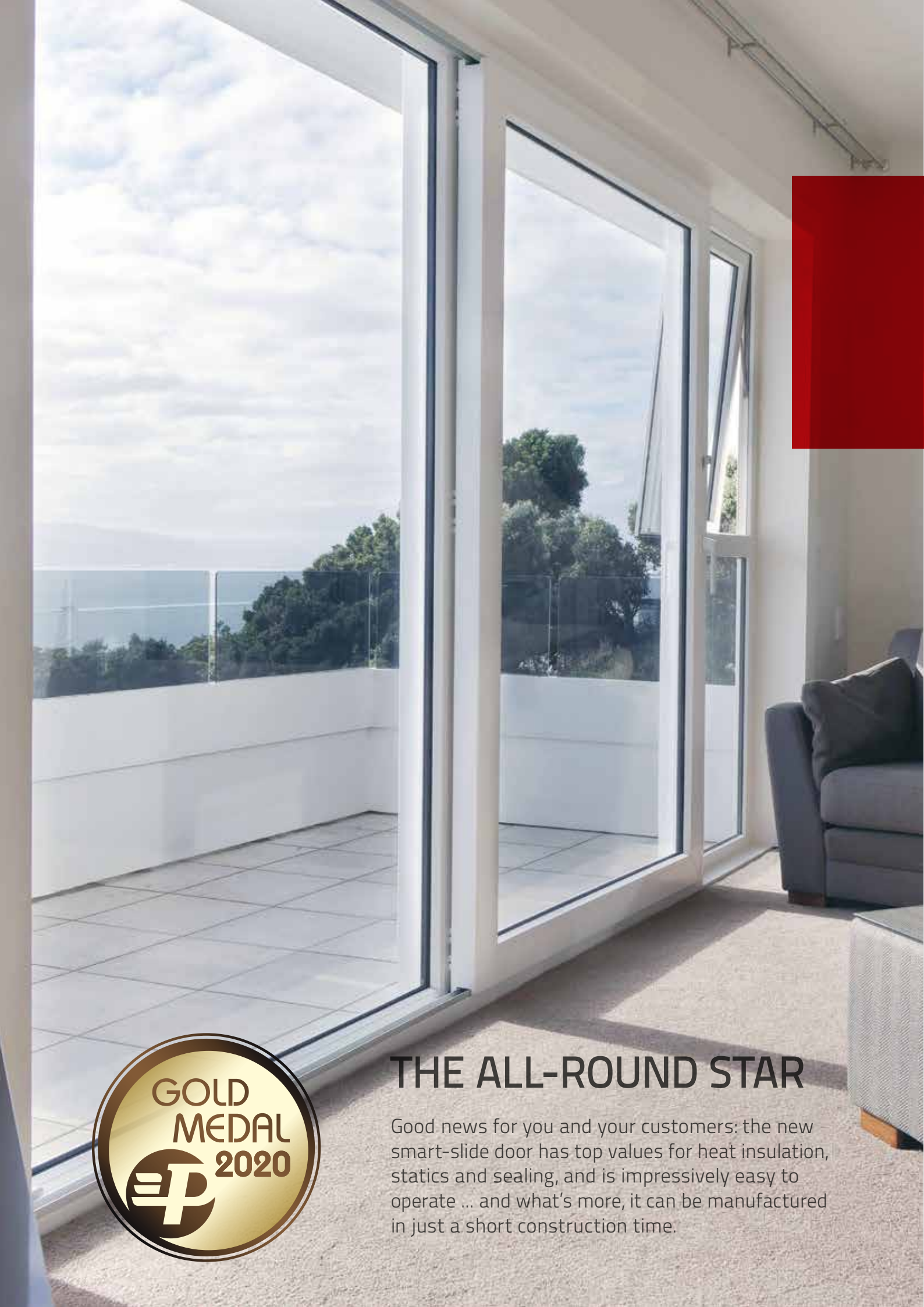
NEW

Really quite smart



## smart-slide

SMART SLIDING – DEVELOPED FOR SMOOTH  
AND EASY OPERATION



## THE ALL-ROUND STAR

Good news for you and your customers: the new smart-slide door has top values for heat insulation, statics and sealing, and is impressively easy to operate ... and what's more, it can be manufactured in just a short construction time.



Get into the new generation of sliding doors with smart-slide

# LEAVES NOTHING TO BE DESIRED

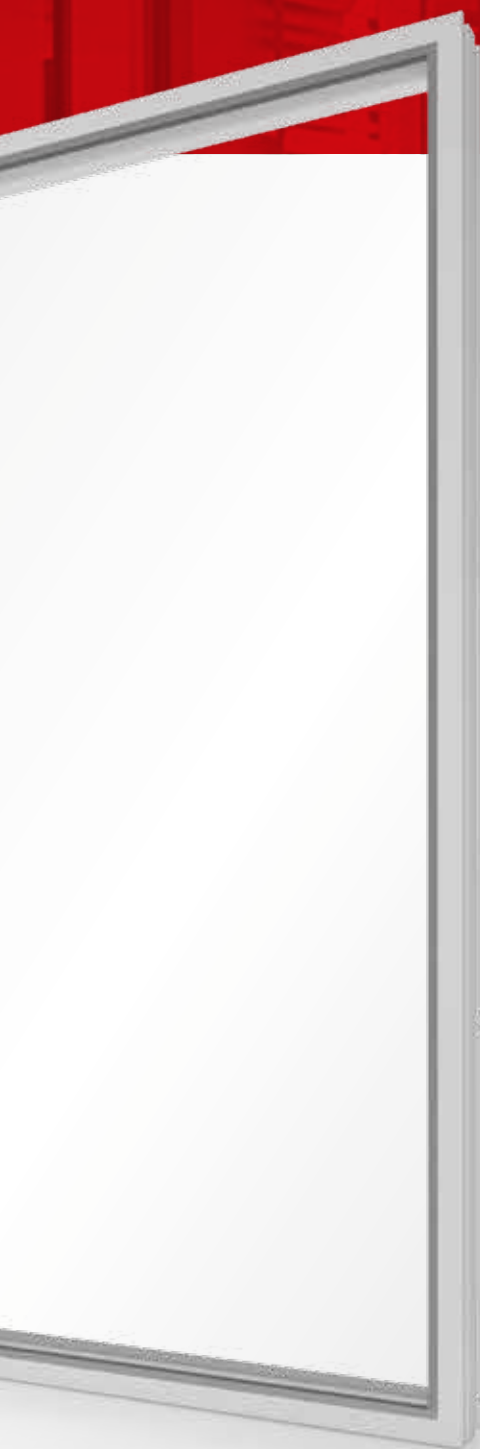
## **STABILITY AND POSSIBILITY TO MAKE LARGE STRUCTURES**

Large glass surfaces are very fashionable. Smart-slide sliding doors meet this challenge, enabling the creation of a window construction featuring maximum sash dimensions of 1.5 x 2.3 m. The locking along the whole perimeter of the sash ensures secure closing and at the same time the sash is light and moves easily with use of minimum force. This is a very important advantage especially in comparison to pull and slide structures, which, with numerous opening/closing cycles, can be problematic to operate. Additionally, thanks to the profiles being constructed using Multifalz technology, it is possible to optionally use the technology of gluing the glass unit in the glazing rebate, which provides greater firmness to the entire structure.

## **HIGH TIGHTNESS OF CONSTRUCTION**

Smart-slide sliding doors provide a new solution for the sliding door/window industry and are aimed to be an attractive alternative to PSK/PATIO type doors. This is a great solution both for single-family dwellings as well as public facilities, where ease of use and reliability are expected from patio doors. A well-thought-out combination of technical solutions means that the smart-slide achieves very good results in the areas of air permeability, wind load resistance and water resistance tests. This is all thanks to the ideally matched seals of the sash, which are pressed transversely to the frame over the entire perimeter by turning the handle. The locking points meeting the area of the post help ensure tight construction.





### **SPACE SAVING**

The use of smart-slide sliding doors is a step towards the optimal use of space inside rooms because the opening of the door does not require opening the sashes which would protrude into the living space. The smart-slide door can be made in scheme A: 2 sections with one movable sash, and C - four sections with two movable sashes in the middle.



### **COMFORT OF HANDLING**

The innovative closing mechanism allows for simple and intuitive operation similar to solutions used in lift-and-slide doors. Specialized window fittings guarantee that after unlocking, the panels move freely and without the slightest resistance on the frame in relation to the unopened part of the structure. The locking mechanism allows the sash to be gently closed in the frame, and thus making the sliding door easy to operate.



### **EASE OF PRODUCTION**

The new smart-slide doors are easy to make, which ensures high production efficiency. This is possible mainly due to the small number of profiles used in their production. Similarly, as in the case of patio doors, the frame is welded, the system uses a post from the Ideal 4000 system and permanent glazing is carried out directly in the frame. The entire production can be performed using standard machinery.

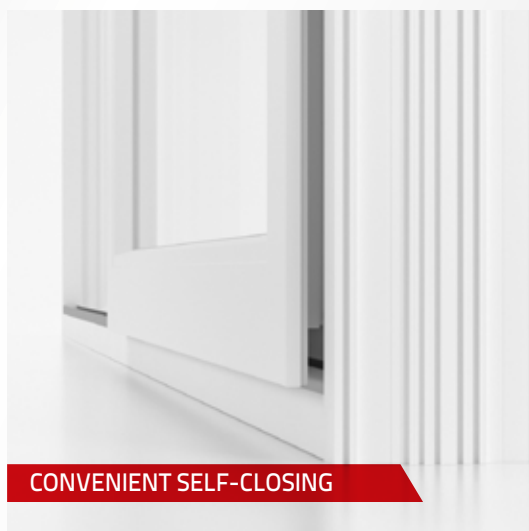




SMART SLIDE

# IMPROVED CONVENIENCE THROUGH EASE OF OPERATION

Large glass surfaces are very much in vogue. This includes generously dimensioned sliding doors, which open up to bring the garden into the living space. This won't be a problem for you, as smart-slide can be manufactured in large dimensions ( sash maximum size 1,5 m x 2,3 m). Your customers will love the locking mechanism: the self-closing sash slides into the frame with a soft motion, making the smart-slide door so simple to use that it is virtually impossible to operate it incorrectly – and that is just as invaluable for day-to-day use as the low exertion required to open and close the sash.





THE ALL-ROUND STAR

## smart-slide

- small construction depth of 70 mm
- $U_f = 1.3 \text{ W/m}^2\text{K}$
- glazing and panel thickness up to 41 mm possible (single- to triple-glazed)
- modern classic-line design
- concealed hardware technology
- selection of opening schemes: scheme A + C
- available in numerous decor designs
- optional bonding inside (adhesive technology)

