

# Windows and doors with high insulation

**NEW**

**forsterunico**<sup>®</sup>

In steel and stainless steel



**forsterunico**<sup>®</sup> Hi

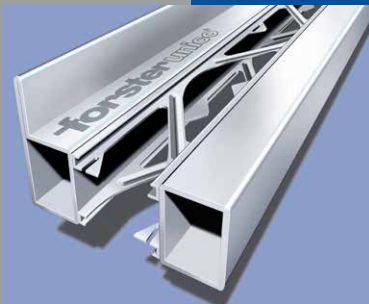
**U<sub>w</sub> = 1.0**

**forster**

STEEL AND STAINLESS STEEL PROFILE SYSTEMS



Steel  
Stainless steel



forster unico® Hi

**Simply ecological**  
System Forster unico Hi  
for very efficient heat insulating windows, doors and fixed screens

Forster unico Hi combines all the benefits of standard Forster unico systems with even higher insulation parameters.

The latest technology, energy efficiency, attractive design and the ecological use of materials interact to achieve responsible and sustainable construction.

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## Impressively simple

### Simple and effective

Forster unico Hi for windows and doors comply with the latest requirements for heat protection, e.g. EnEV 2009 (DE) and SIA 380/1 (CH) for  $U_w$  values under  $1.3 \text{ W}/(\text{m}^2\cdot\text{K})$ .

### Simple and variable

With a structural depth of 88 mm, 2- or 3-pane insulated glazing up to 60 mm is integratable – for  $U_w$  values of up to  $0.9 \text{ W}/(\text{m}^2\cdot\text{K})$ .

### Simple construction

Only two additional components are needed to make Forster unico into a very efficient heat insulating Forster unico Hi element.

### Simply ecological

Forster unico Hi with profiles made of 100% steel need no plastic insulators or fillings in the profile sections. This underlines the ecological design of the system.

### Simple and sleek design

Extremely slim profile cross-sections for rooms flooded with light.

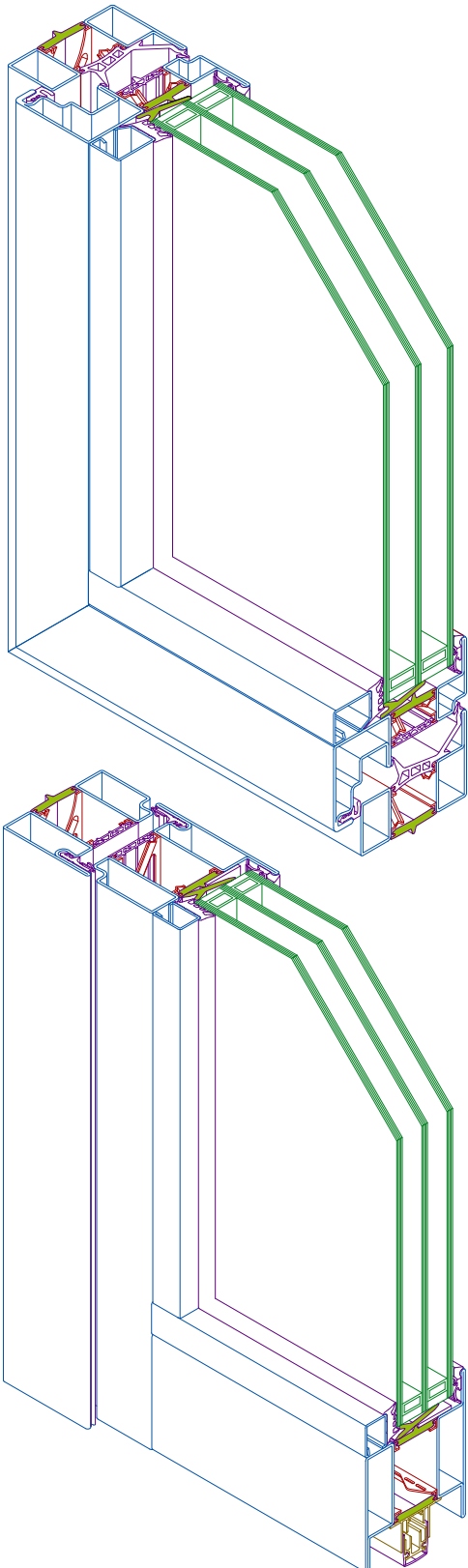
### Simply awesome

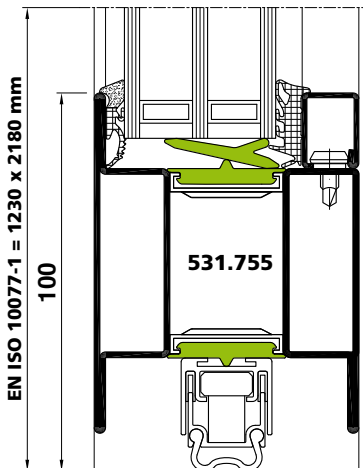
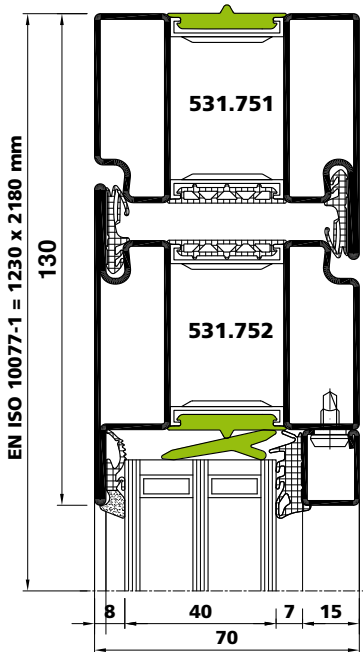
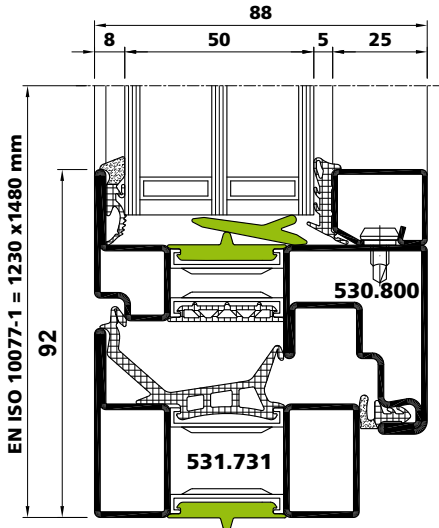
Excellent static parameters for the profiles allow large panes without additional extensions.

### Simply safe

- All system requirements tested to EN 14351-1 (CE Marking)
- Burglary resistant RC 1-3 as per EN 1627-30 for windows, doors and fixed screens
- Bullet resistant Class FB4 as per EN 1522 for windows, doors and fixed screens

Simply great.





### Window $U_w$ value

Standard sizes as per EN ISO 10077-1: w 1230 x h 1480 mm  
Glass  $U_g$  0.5 W/(m<sup>2</sup>·K) / Glass edge seal  $\Psi$  (Psi) 0.04 W/(m·K)

	Stainless steel	Coated steel
Standard EnEV 2009 (DE)	$U_w = 1.3$	$U_w = 1.3$
Standard SIA 380/1 (CH)	$U_w = 1.3$	$U_w = 1.3$
<b>forsterunico® H<sup>i</sup></b>	<b><math>U_w = 1.0</math></b>	<b><math>U_w = 1.1</math></b>

### Fixed screen $U_w$ value

Standard sizes as per EN ISO 10077-1: w 1230 x h 1480 mm  
Glass  $U_g$  0.6 W/(m<sup>2</sup>·K) / Glass edge seal  $\Psi$  (Psi) 0.04 W/(m·K)

	Stainless steel	Coated steel
Standard EnEV 2009 (DE)	$U_w = 1.3$	$U_w = 1.3$
Standard SIA 380/1 (CH)	$U_w = 1.3$	$U_w = 1.3$
<b>forsterunico® H<sup>i</sup></b>	<b><math>U_w = 0.9</math></b>	<b><math>U_w = 1.0</math></b>

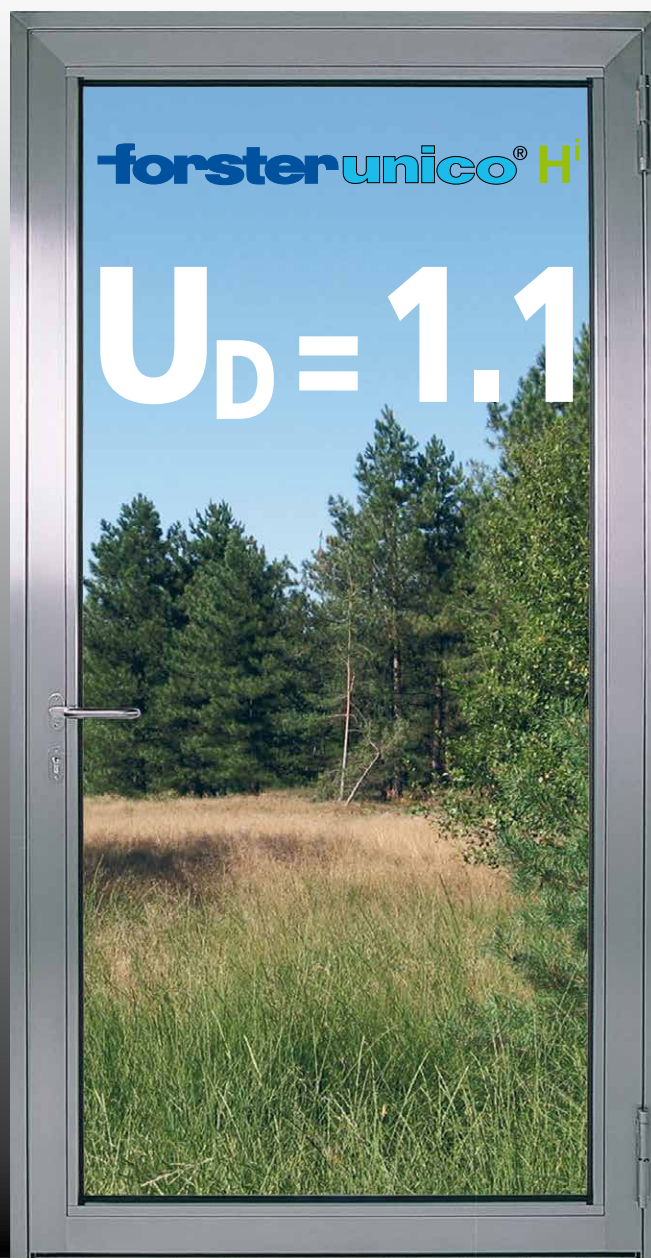
### Door $U_D$ value

Standard sizes as per EN ISO 10077-1: w 1230 x h 2180 mm  
Glass  $U_g$  0.6 W/(m<sup>2</sup>·K) / Glass edge seal  $\Psi$  (Psi) 0.04 W/(m·K)

	Stainless steel	Coated steel
Standard EnEV 2009 (DE)	$U_D = 1.8$	$U_D = 1.8$
Standard SIA 380/1 (CH)	$U_D = 1.3$	$U_D = 1.3$
<b>forsterunico® H<sup>i</sup></b>	<b><math>U_D = 1.1</math></b>	<b><math>U_D = 1.2</math></b>



forsterunico®



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**T|P|S**

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