

 **PRIMUS**

**HS76**

TECHNICAL  
CATALOGUE



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**ideal fenster**  
*Group*

The higher quality **uPVC window**



## Summary

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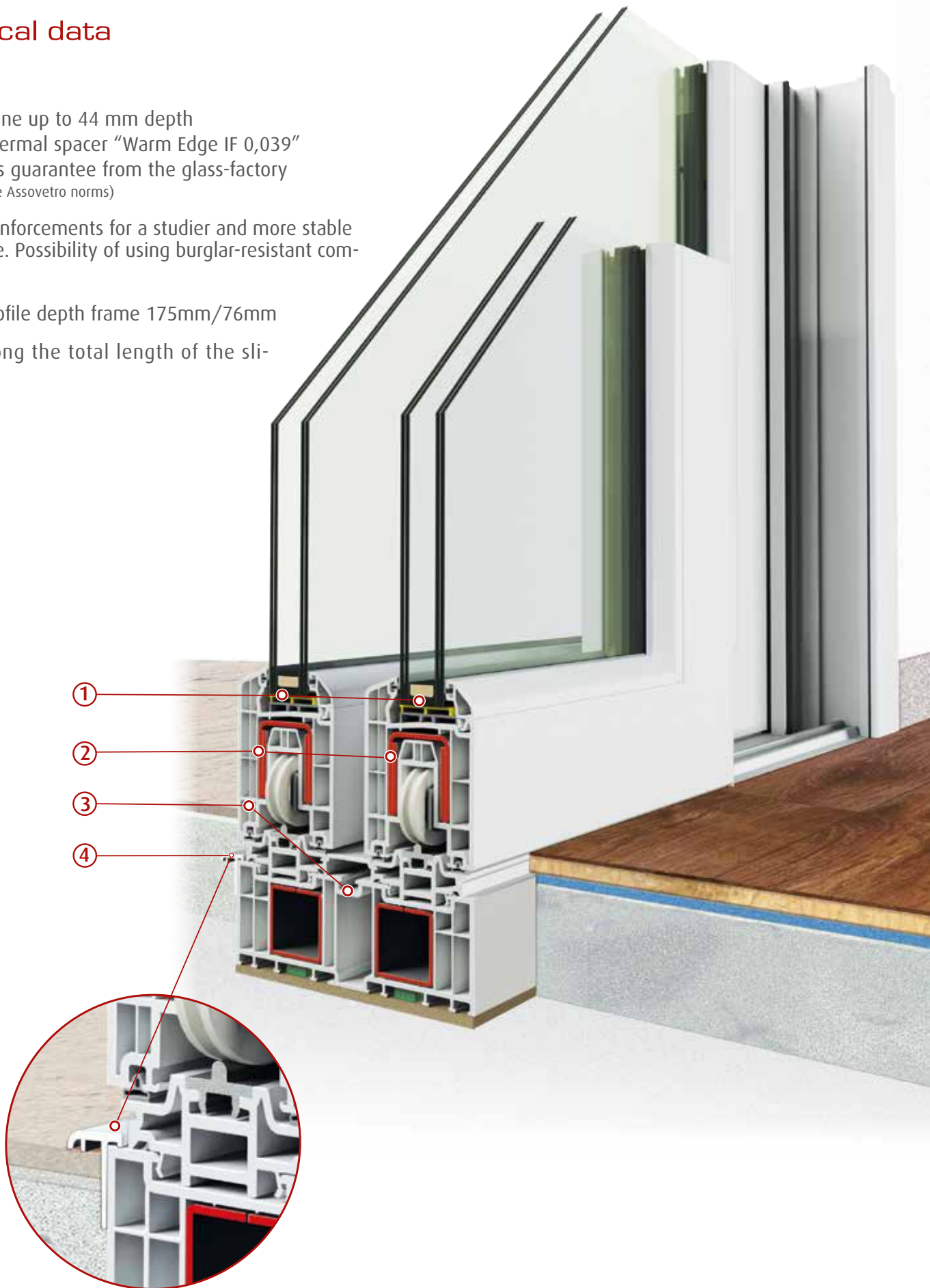
## The “easy” and perfect solution for every architectural style

The HS 76 lift and slide system is designed to perfectly fit any architectural style: from the cottage to the mansion, from the flat to the farmhouse. It represents the perfect combination between functionality and aesthetics.

Those who choose the HS76 consider comfort their main priority: to choose the HS76 means opting for light and space. A sliding system makes the garden an extension of your residence.

## Technical data

- ① Glass pane up to 44 mm depth  
Black thermal spacer "Warm Edge IF 0,039"  
10 years guarantee from the glass-factory  
(referto the Assovetro norms)
- ② Steel reinforcements for a studier and more stable structure. Possibility of using burglar-resistant components
- ③ uPVC profile depth frame 175mm/76mm
- ④ Drip along the total length of the sliding

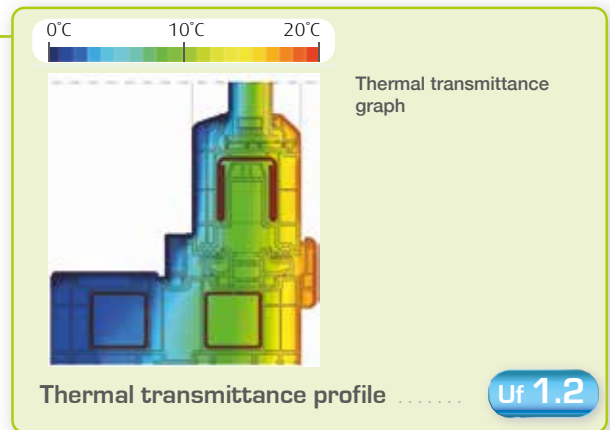


## Performance



### Thermal insulation

**Ideal Fenster Group** uPVC windows considerably protect against the heat, the cold, rain, wind and hail



### Energy-saving

Thank to **Ideal Fenster Group** uPVC windows, it is possible to save up to 68% of energy, avoiding the loss that may occur with other windows

Thermal transmittance with Ug 1.0 glass .....	<b>Uw 1.1</b>
Thermal transmittance with Ug 0.7 glass .....	<b>Uw 0.9</b>
Resistance to wind load (UNI EN 12210)* class .....	<b>B2</b>
Waterproofness (UNI EN 12208)* class .....	<b>6</b>
Air permeability (UNI EN 12207)* class .....	<b>4</b>



### Maximum brightness

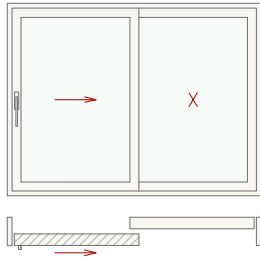
Among the characteristics that **Ideal Fenster Group** uPVC HS76 presents, there is the possibility to close wide spaces by using up to 4 sliding leaves and consequently reaching the maximum possible brightness

\* Numeric values refer to sliding door "A" pattern, with a 4 sides frames 2820X2200mm

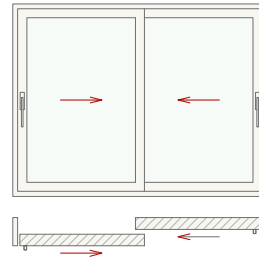
Highest attention to ecology, thanks to Calcium/Zinc stabilisers

## Practical and possible solutions

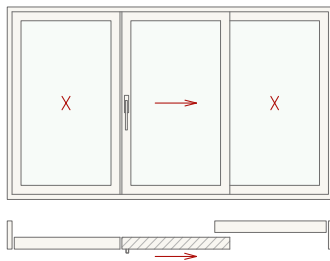
“A” Pattern



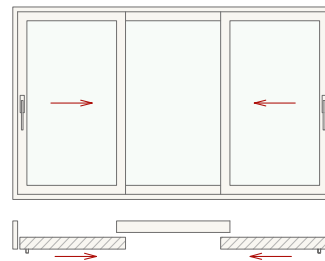
“D” Pattern



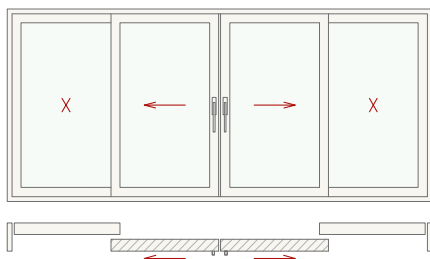
“G3” Pattern



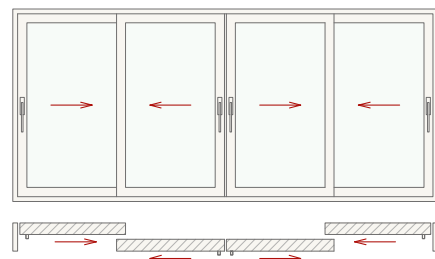
“K” Pattern



“C” Pattern



“F” Pattern



### LIFT AND SLIDE HS76 SYSTEM MAXIMUM DIMENSIONS

Find here below the maximum dimension (width/weight) possible for 2 or more leaf sliding the manual surface indicated (m<sup>2</sup>), shall never be overcoved.

Colour range	Width (m)	2 leaf high (m)	Surface (m <sup>2</sup> )	Width (m)	More than 2 high (m)	Surface (m <sup>2</sup> )
White	6,5	2,6	12,0	6,5	2,6	13,0
Coloured	5,0	2,2	12,0	6,5	2,2	13,0

The standard carriage bears sliding doors up to 300 kg (glass included).  
When the door weight exceeds 300 kg the use of a 400 kg carriage (with surcharge) is a must.

Large dimensions sliding doors up to 12 metre width can be assembled.





## Colour range

Apart from smooth white you can give a colour tone to your house with clad wood colours or R.A.L. coloured windows and doors.

Standard colours are the **Smooth White** (R.A.L. 9016) and the following clad coatings: **Golden Oak, Walnut, Irish Oak, Winchester, Whitened Oak, Dark Ash, White Coating, Cremeweiss, Grey, Anthracite, Smooth.**

When a substantial amount of windows is requested, more than 50 colour coatings are made available. Delivery time: 6/8 weeks.

### MASS PROFILES



White RAL 9016



Cream white RAL 9001\*  
With supplement

### COATING PROFILES Standard quick delivery



110 - Golden Oak



154 - Walnut



145 - Irish Oak

on Brown base



100 - White coating

on white base



096 - Creme white

on cream white base\*  
with supplement

### COATING PROFILES Standard longer time



694 - Whitened oak

on White base



109 - Winchester



143 - Dark Ash

on Brown base



004 - Grey



72 - Anthracite

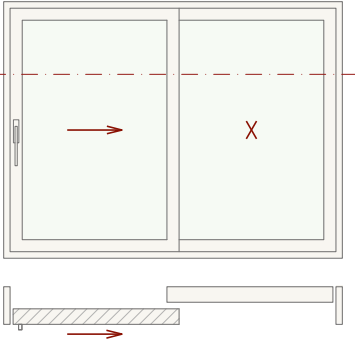
on Grey base



048 - Smooth  
Anthracite

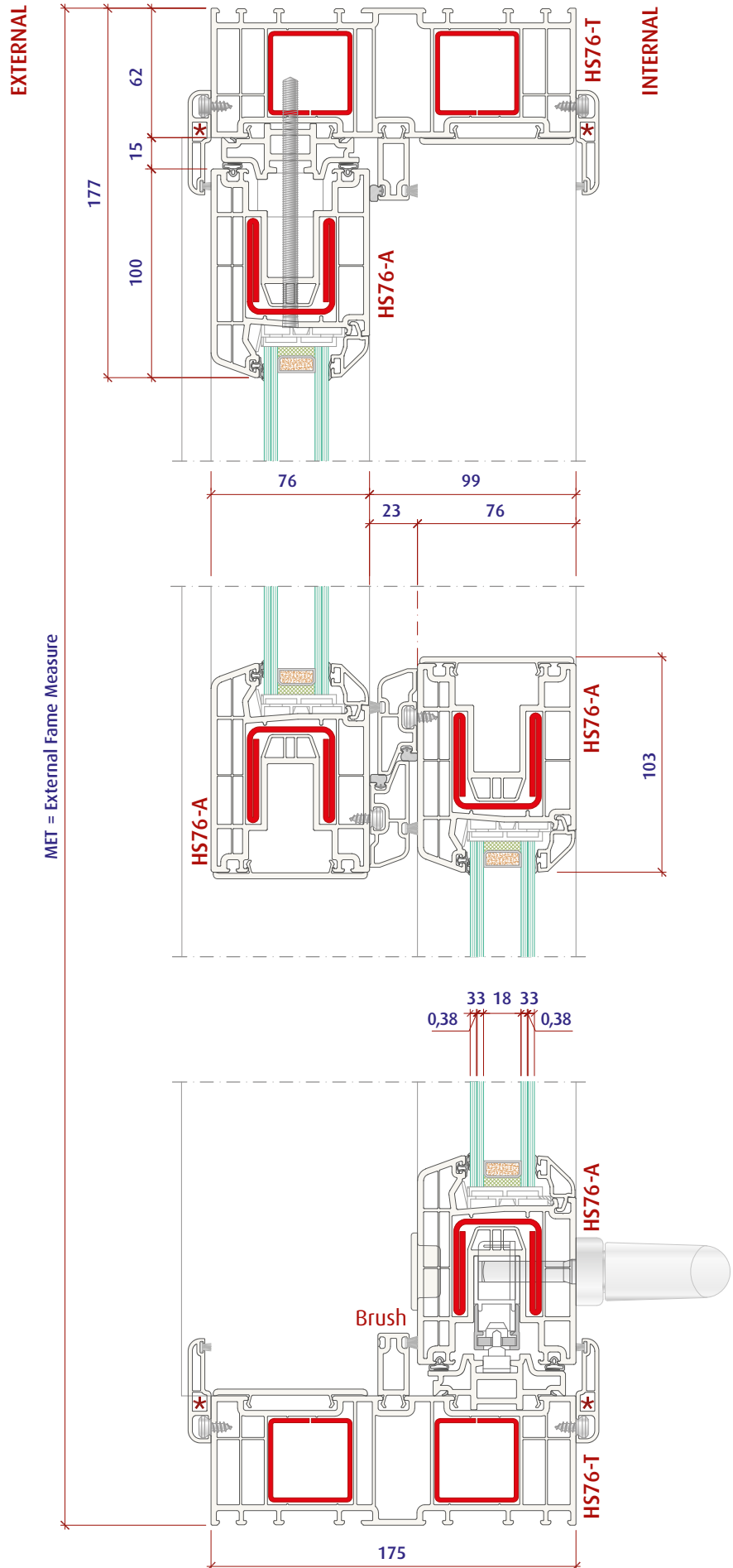
\* The available profile range in cream white mass RAL9001 or coating on RAL9001 base, is more limited than the other colours. Cream white (096) is only available on cream white mass base with supplements.

The illustrated colours might be slightly different from the original shades.



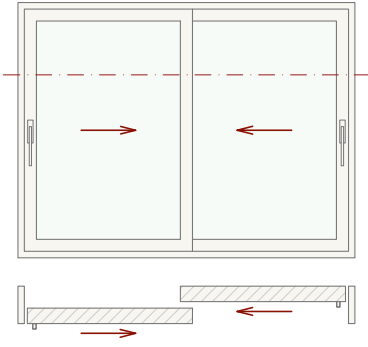
“A” Pattern

HORIZONTAL SECTION  
1 sliding door



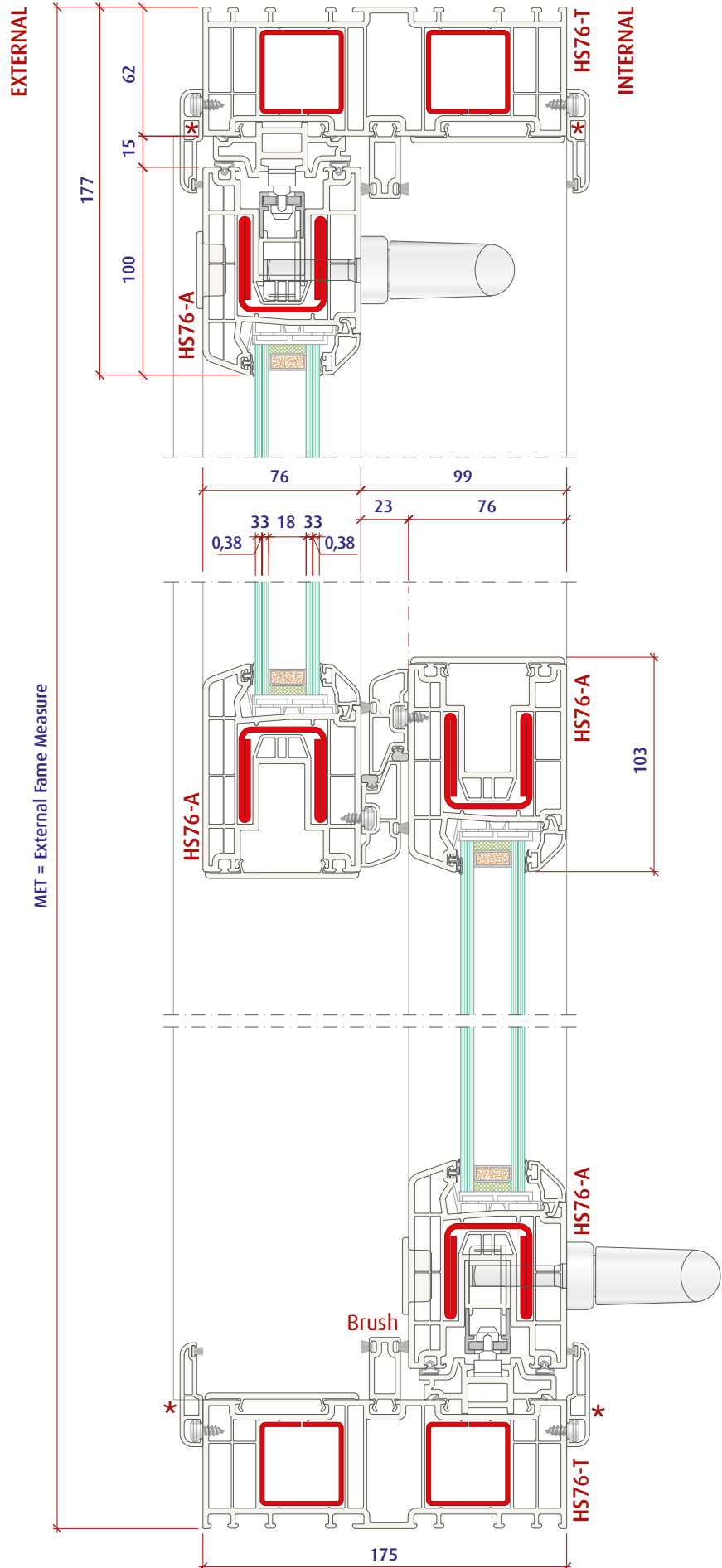
❖ Deflection profiles  
will be provided loose with  
the implementation at the  
construction site





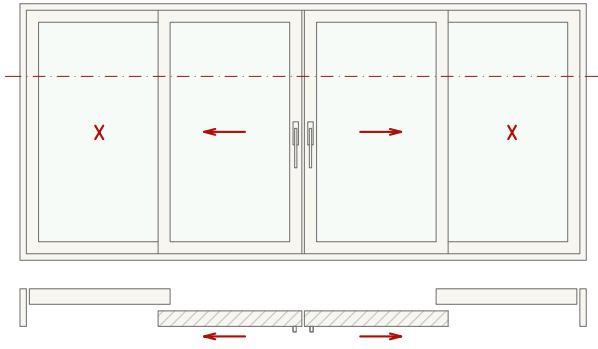
“D” Pattern

HORIZONTAL SECTION  
2 sliding doors



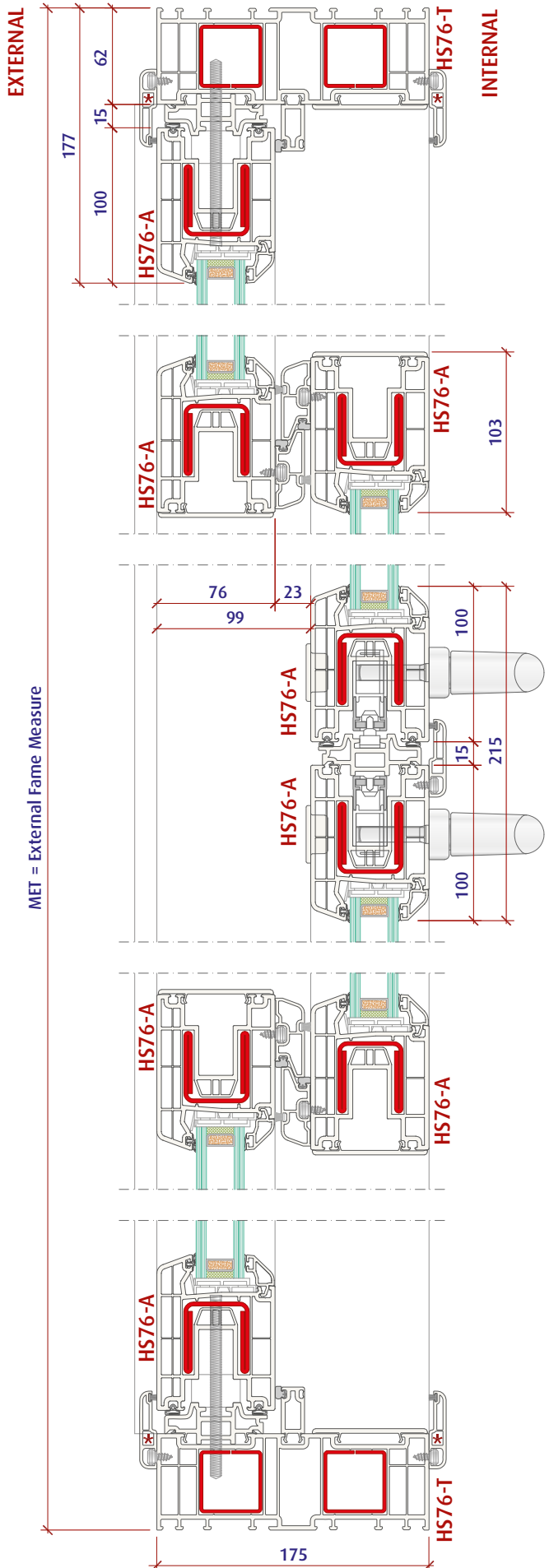
\* Deflection profiles will be provided loose with the implementation at the construction site





“C” Pattern

HORIZONTAL SECTION  
2 sliding doors



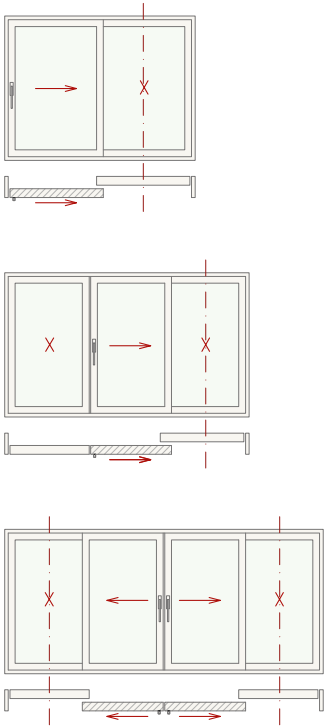
❖ Deflection profiles



will be provided loose with the implementation at the construction site

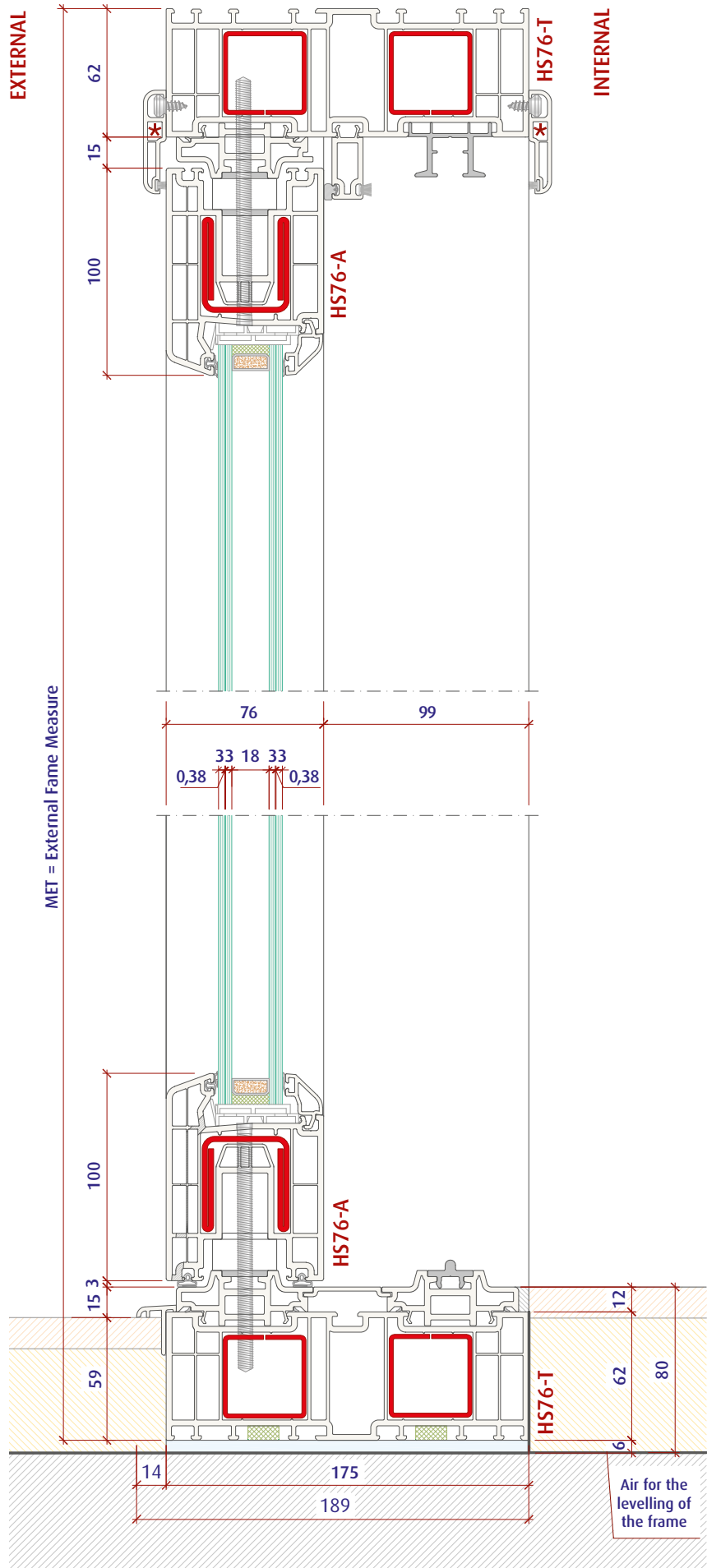






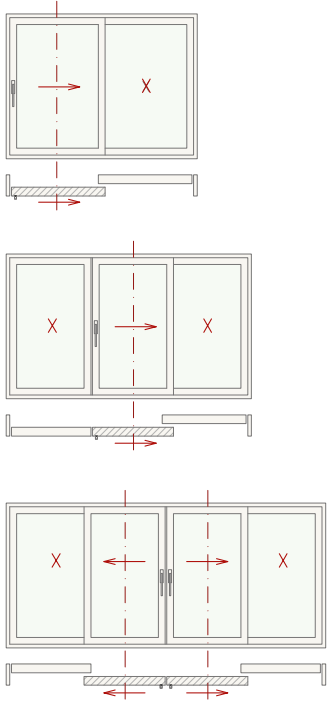
**VERTICAL SECTION**

Solution with uPVC frame on 4 sides



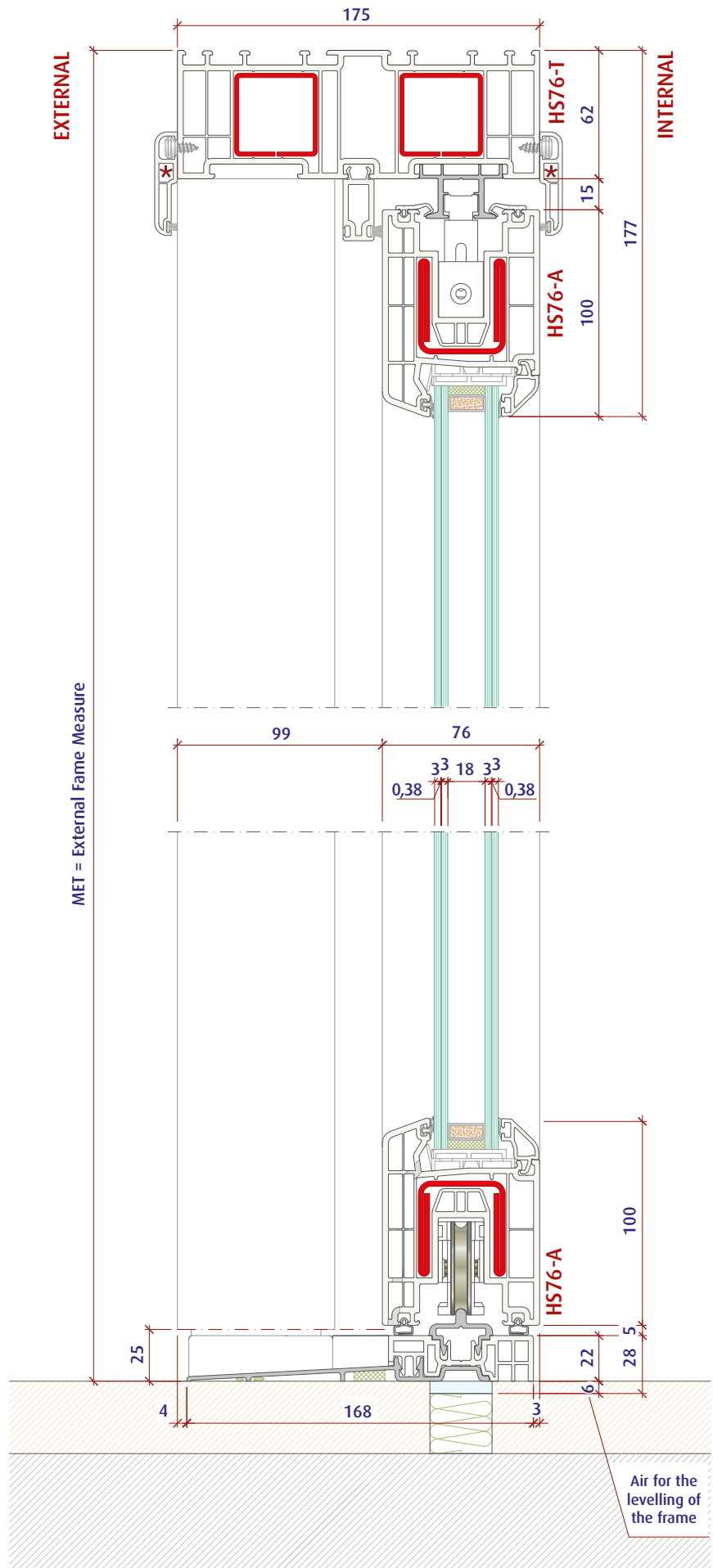
❖ Deflection profiles will be provided loose with the implementation at the construction site

scale 1: 3



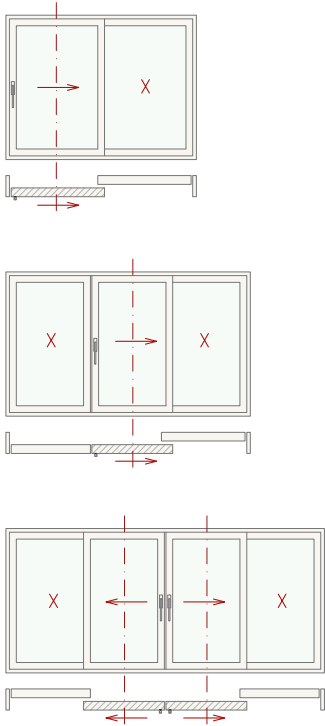
**VERTICAL SECTION**

Solution with uPVC frame on 3 sides and Aluminium lowered threshold with thermal break



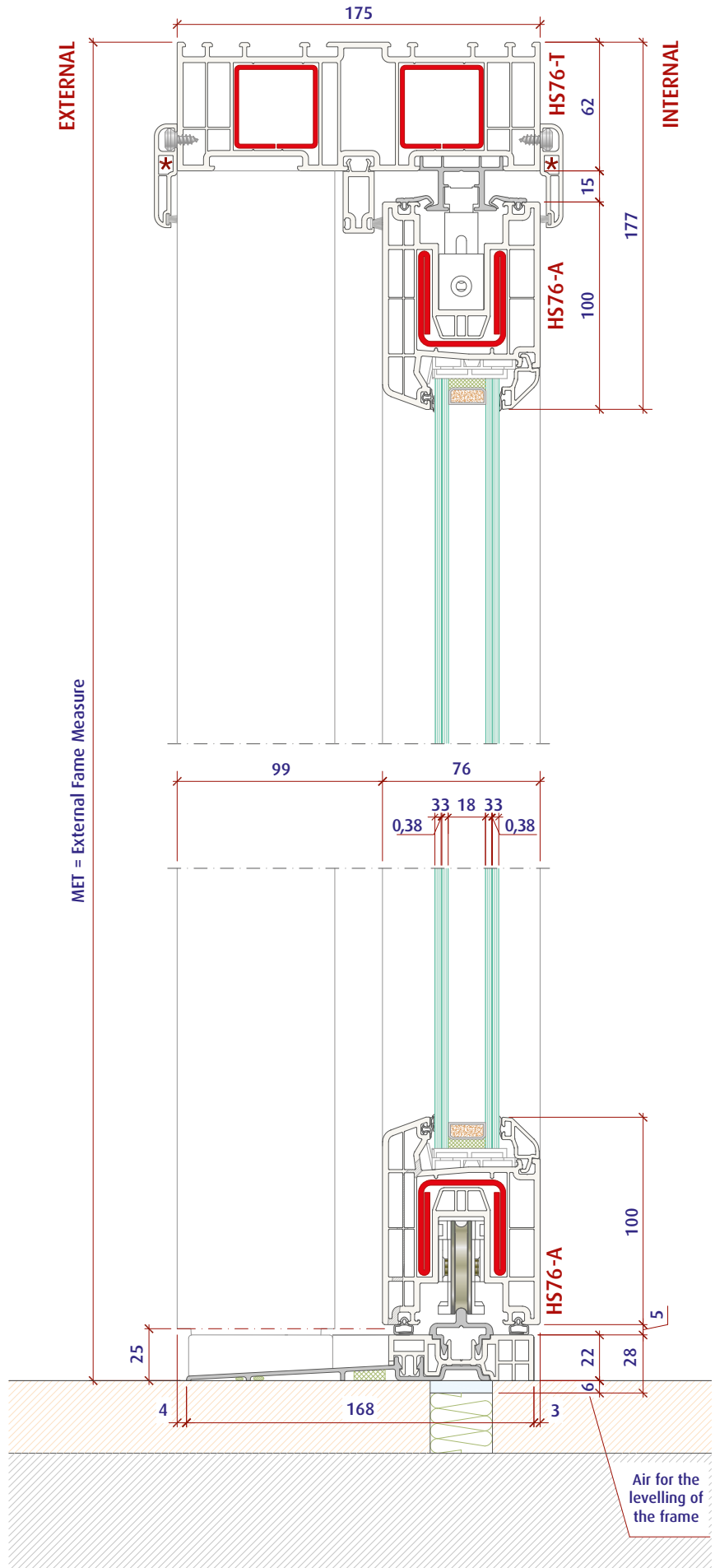
**Deflection profiles**

will be provided loose with the implementation at the construction site

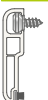


**VERTICAL SECTION**

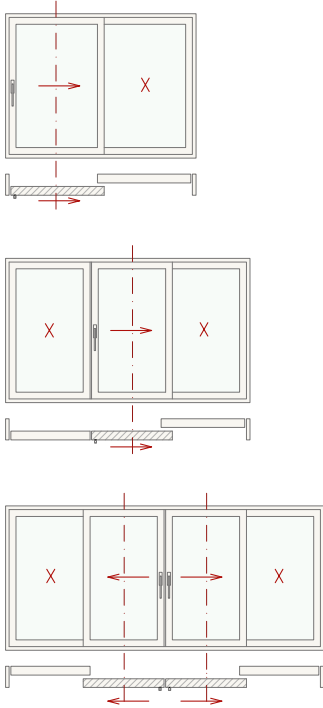
Solution with uPVC frame on 3 sides and Aluminium lowered threshold with thermal break



❖ Deflection profiles



will be provided loose with the implementation at the construction site

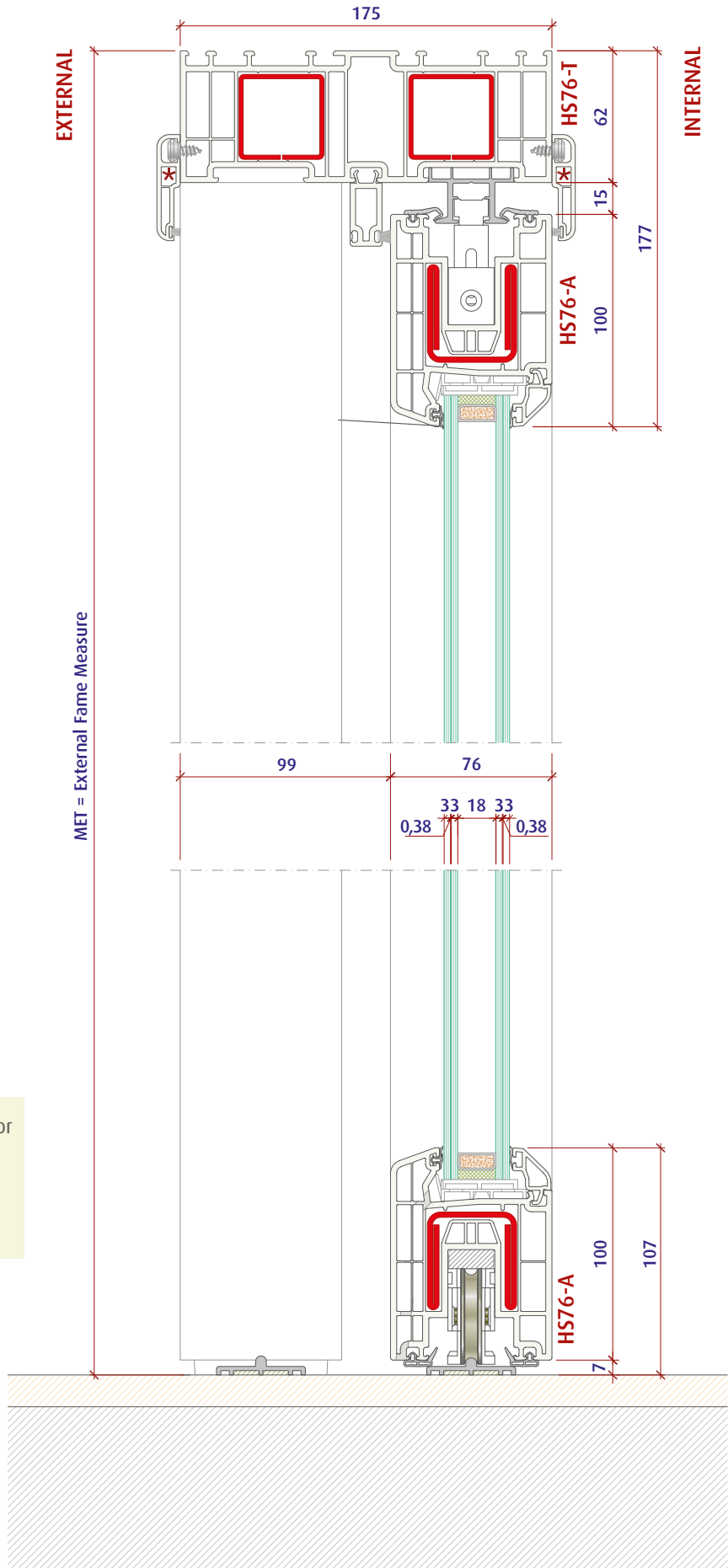


“D” Pattern

VERTICAL SECTION  
2 sliding doors

Solution with uPVC frame on 3 sides and Aluminium lowered threshold with thermal break

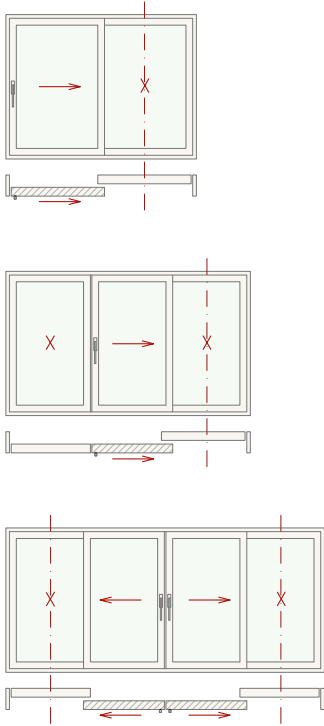
Because of its characteristics, a lower-floor thermal threshold does only guarantee a limited wind and water tight. In order to guarantee a better tight, we recommend to consider a 4 side frame.



❖ Deflection profiles

will be provided loose with the implementation at the construction site

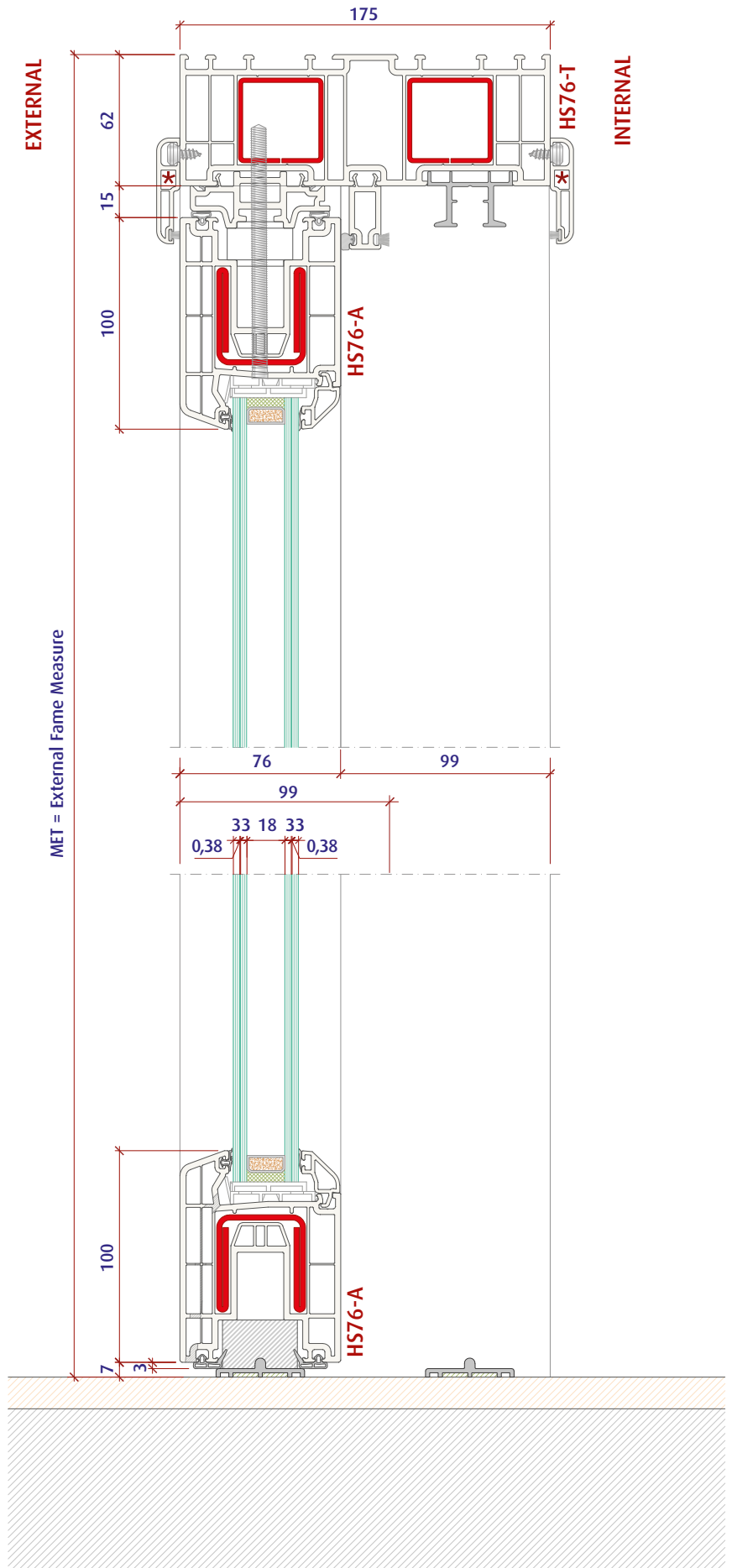




### VERTICAL SECTION

Solution with uPVC frame on 3 sides and Aluminium lowered threshold with thermal break

Because of its characteristics, a lower-floor thermal threshold does only guarantee a limited wind and water tight. In order to guarantee a better tight, we recommend to consider a 4 side frame.

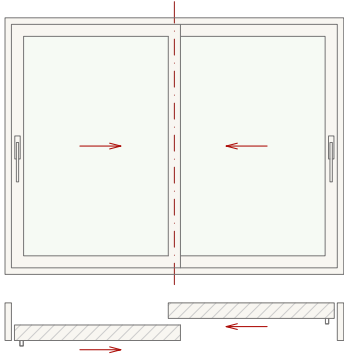


#### \* Deflection profiles



will be provided loose with the implementation at the construction site

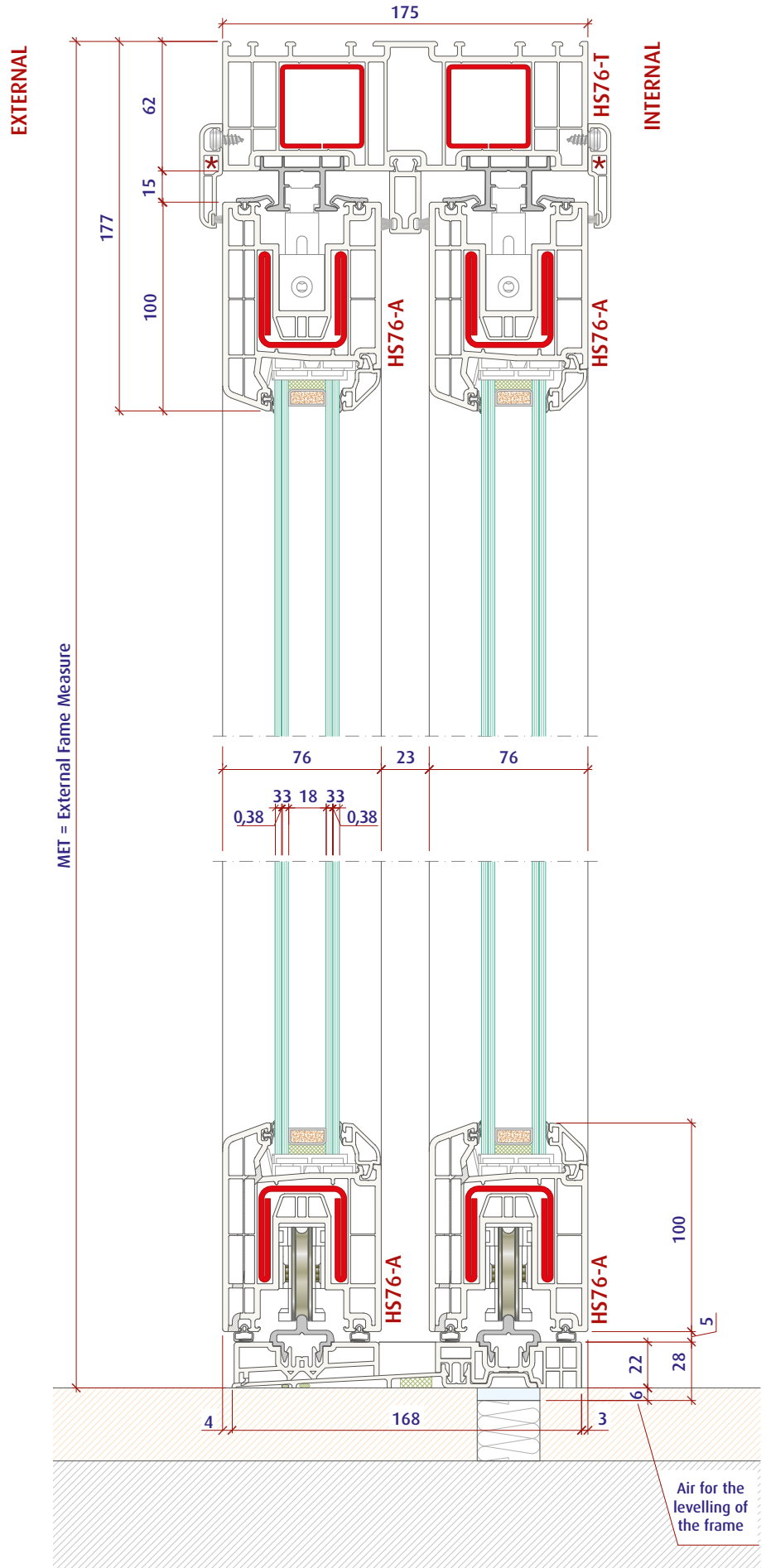




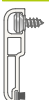
### Schema "D"

#### VERTICAL SECTION 2 sliding doors

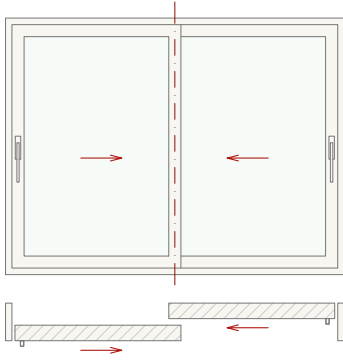
Solution with uPVC frame  
on 3 sides and Aluminium  
lowered threshold with  
thermal break



#### \* Deflection profiles



will be provided loose with  
the implementation at the  
construction site

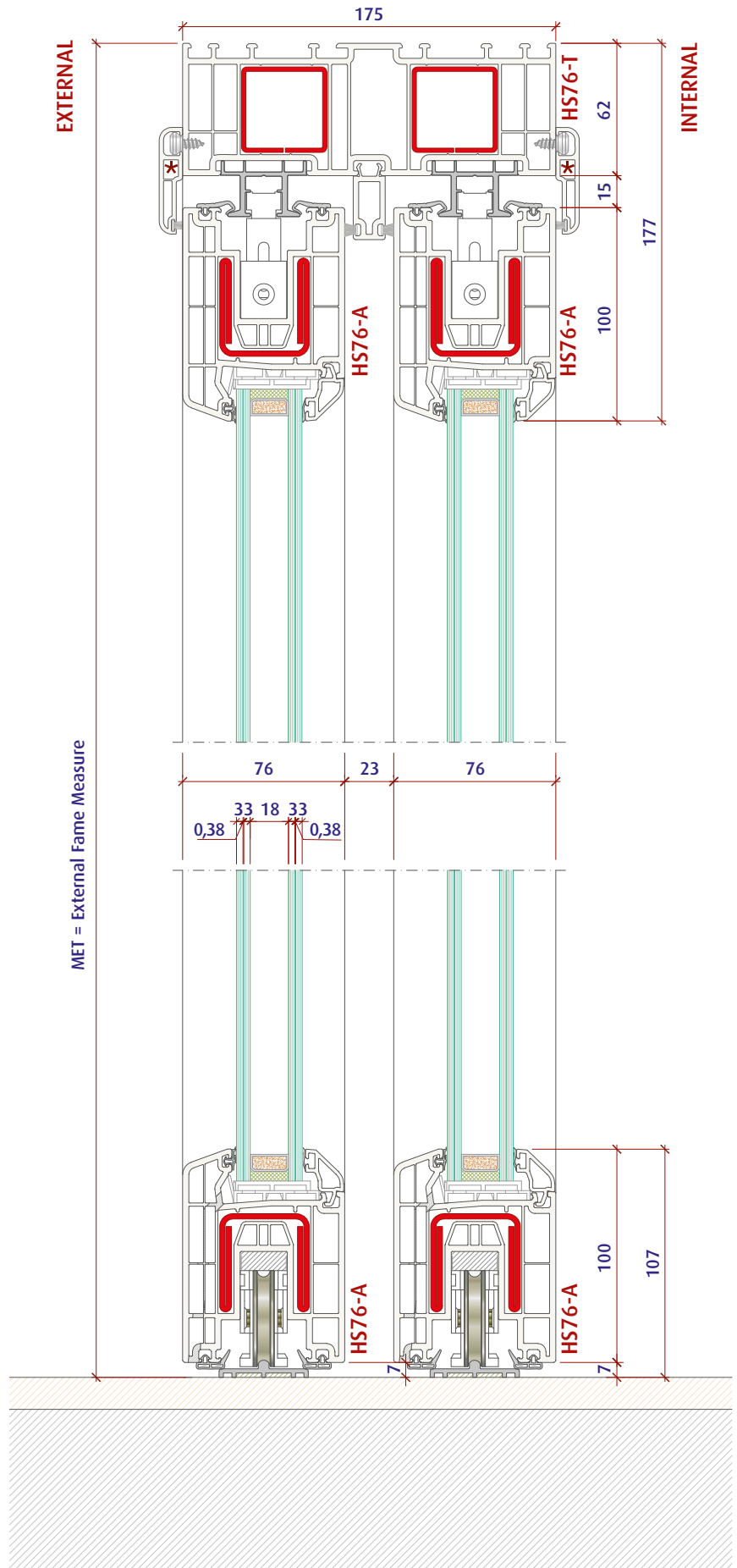


### Schema "D"

#### VERTICAL SECTION 2 sliding doors

Solution with uPVC frame on 3 sides and Aluminium lowered threshold with thermal break

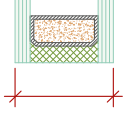
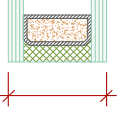
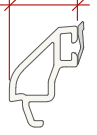

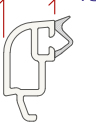
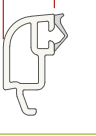
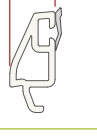





Because of its characteristics, a lower-floor thermal threshold does only guarantee a limited wind and water tight. In order to guarantee a better tight, we recommend to consider a 4 side frame.



#### ❖ Deflection profiles

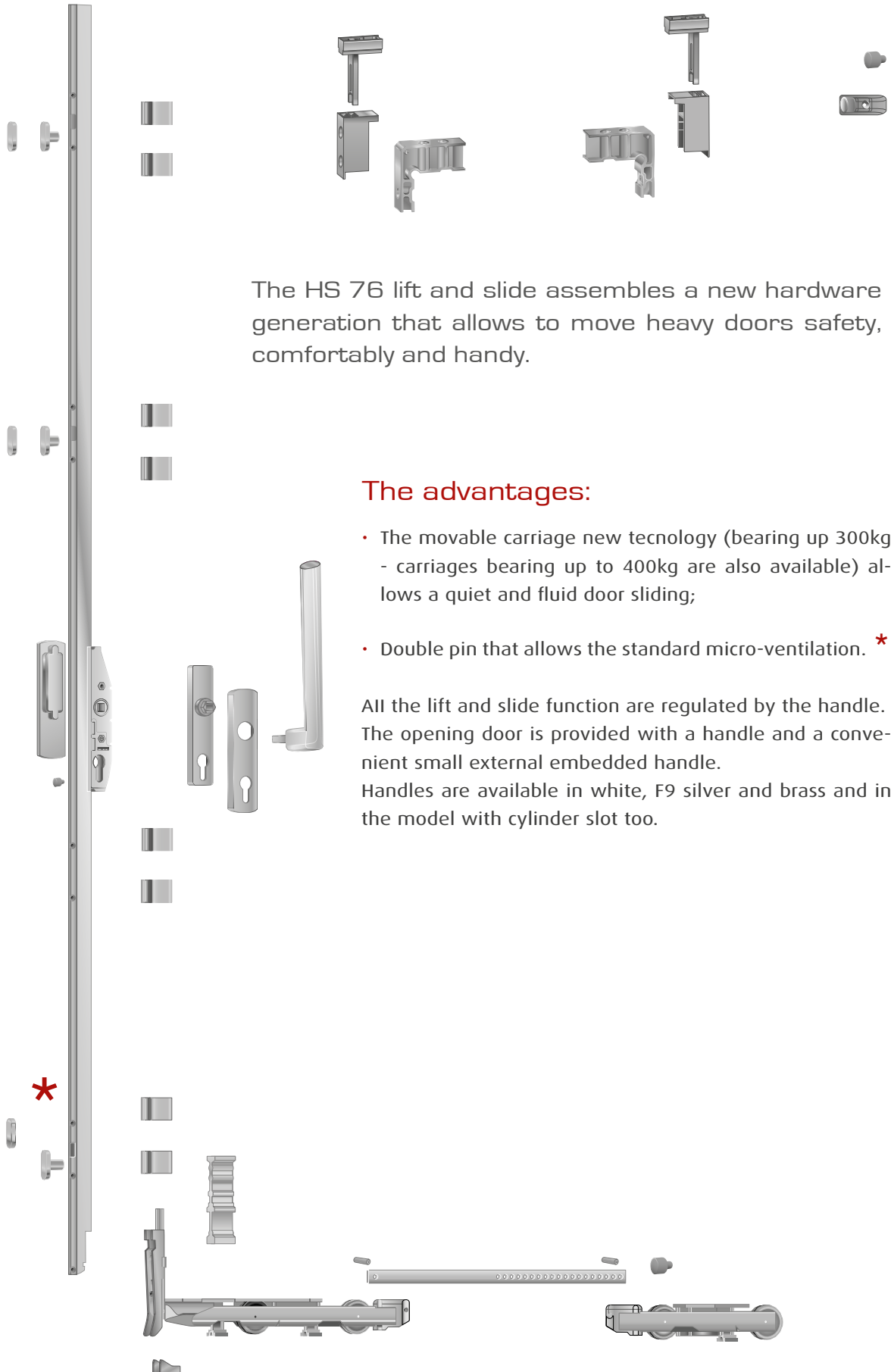
will be provided loose with the implementation at the construction site



Standard Glazing in White, Golden Oak and Walnut			Glazing beads available in White and in all the coatings		
Thickness glass 	Section	Item	Thickness glass 	Section	Item
30mm 	18mm	<b>10042</b>	30-31mm 	17,5mm	<b>3030</b>
			32-33mm 	13,5mm	<b>3133</b>
			32-33mm 	13,5mm	<b>3135</b>
35-36mm 	12mm	<b>10043</b>			
			36-37mm 	11,5mm	<b>3124</b>
38-39mm 	10mm	<b>12648</b>			
			40-41mm 	7,5mm	<b>3038</b>
			40-41mm 	7,5mm	<b>3138</b>
44mm 	5,5mm	<b>12649</b>			



## Door hardware pattern



The HS 76 lift and slide assembles a new hardware generation that allows to move heavy doors safety, comfortably and handy.

### The advantages:

- The movable carriage new tecnology (bearing up 300kg - carriages bearing up to 400kg are also available) allows a quiet and fluid door sliding;
- Double pin that allows the standard micro-ventilation. \*

All the lift and slide function are regulated by the handle. The opening door is provided with a handle and a convenient small external embedded handle. Handles are available in white, F9 silver and brass and in the model with cylinder slot too.

# Note

A series of horizontal dotted lines for writing notes.



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