



# Schüco Living move

Sliding system



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Sliding system

**SCHÜCO**

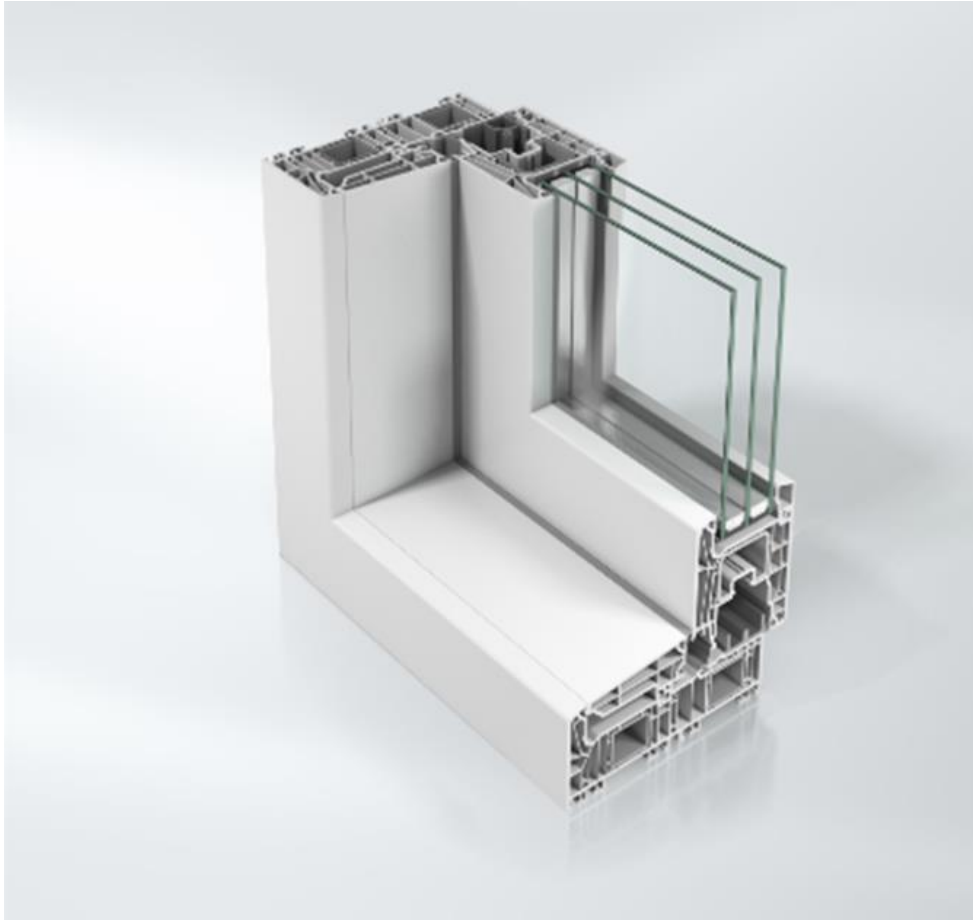
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# System introduction

01



# System features & potential applications



Modern sliding window  
and sliding door system

82 mm basic depth vent profile

Best weathertightness  
and thermal insulation values

Smooth and easy operation

Attractive design

2 gasket levels and an optional  
third gasket to be used as a centre gasket

Optimal use of space,  
allows for flexible floor plan

Optimised gasket geometries  
for excellent weathertightness and  
durability

Sliding window and door system  
for public building projects such as  
hospitals, social housing, hotels,  
schools, nurseries etc.

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# How it works



# Schüco Living move

## Product comparison

In comparison with  
PAS...

- + Appearance
- + Can be automated
- + Operation

- = Larger max. unit sizes
- = Sealing properties
- = Thermal insulation values
- = Burglar resistance
- = Crack / parallel open ventilation
- = Price of fitting

± More suitable for landscape format

- Deeper basic depths (> 140 mm)
- Special constructions (frame and fittings)

In comparison with  
Lift-and-slide...

- + Better sealing properties
- + Installation time

- Smaller max. unit sizes
- Not barrier-free (i.e. not 0 mm)
- Price of fitting

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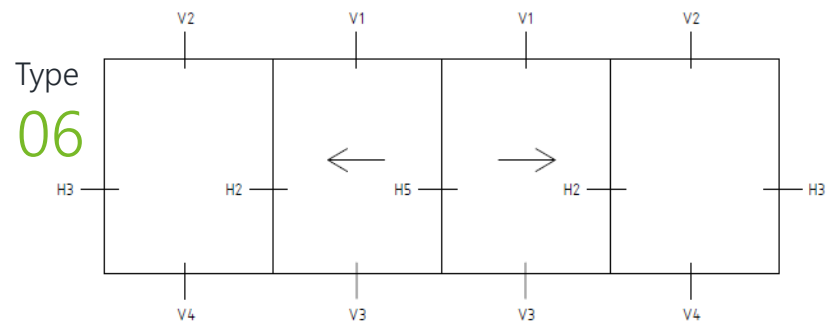
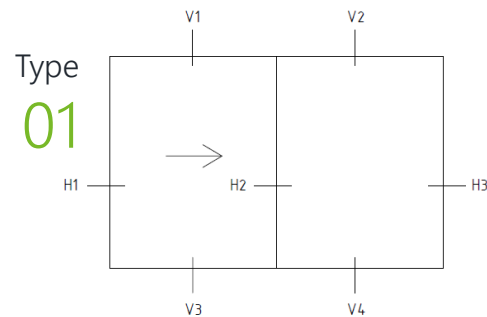
# System features

02



# Unit types & features

## Overview of types



## Features

Basic depth of frame:  
Approx. 159 mm

Basic depth of vent:  
82 mm

Glazing depth:  
Up to 52 (54) mm

$U_f$  value  
1.2 W/(m<sup>2</sup>K)

Colour concept:  
Standard colors in stock

Gasket concept  
Comparable to Schüco  
Living

Kick plate  
At the bottom (door)

Schüco TopAlu  
Optional

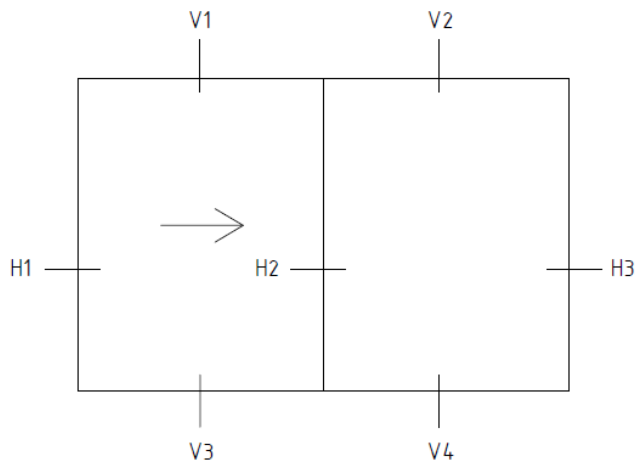
RC 2  
Optional



# Thermal insulation

## Overview for type 01

### Type 01



### Section detail $U_f$ values in $W/(m^2K)$

	Double glazing T = 24mm	Triple glazing T = 36 mm	Triple glazing T = 44 mm
V1	1.2	1.2	1.2
V2	1.0	0.91	0.87
V3	1.2	1.2	1.2
V4	1.0	0.91	0.87
H1	1.2	1.2	1.2
H2	1.5	1.4	1.4
H3	1.0	0.91	0.87
Total	8.1	7.73	7.61
Average value	1.2	1.1	1.1

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# Construction details

03



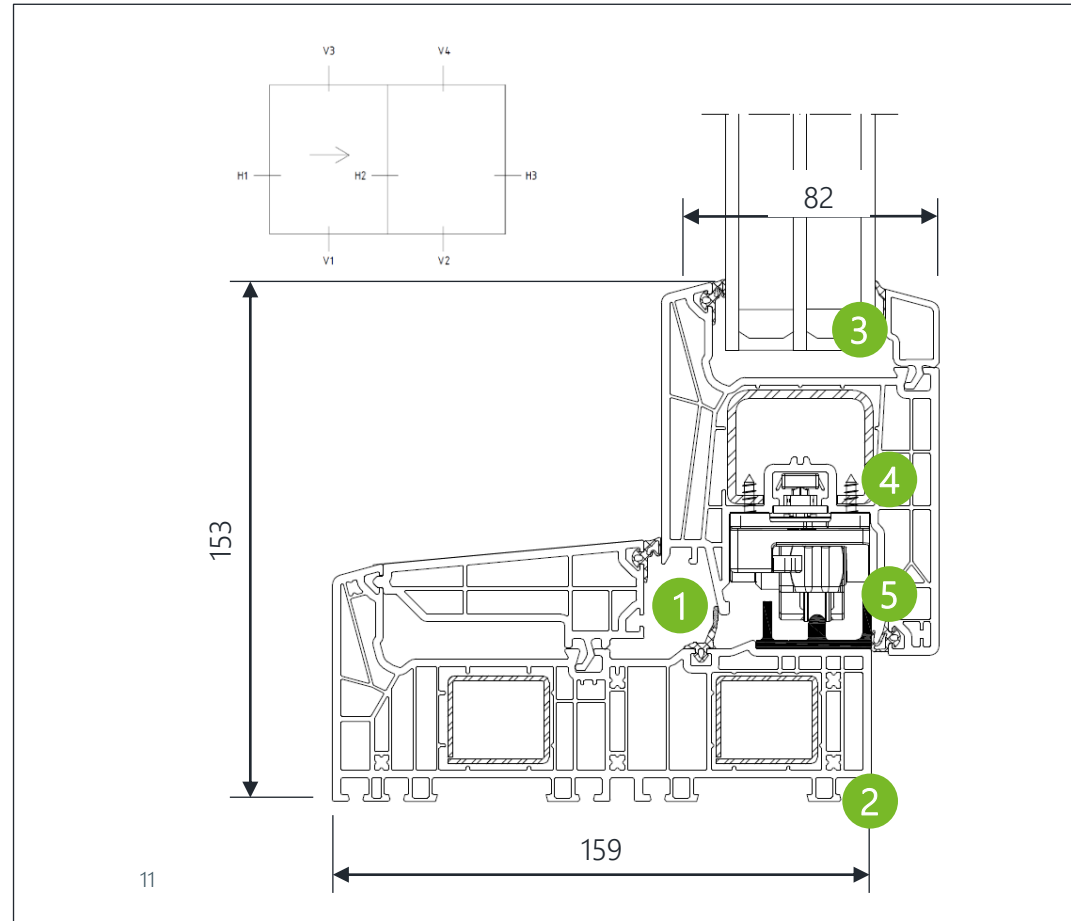
# Profile structure

## V1

**1** Optional insert  
for more stringent requirements

**2** Corner joint  
welded or mechanically joined

**3** Schüco Living glazing rebate



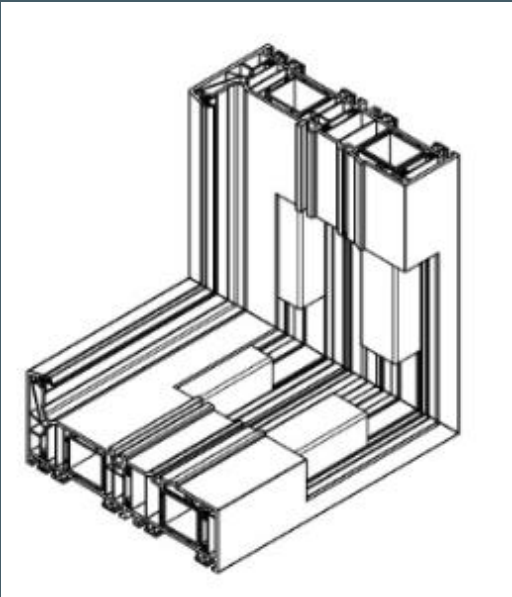
**4** Fittings systems  
Schüco sliding fittings or  
Use of standard fittings systems

**5** Opening width 6 mm  
Visually concealed aluminium profile

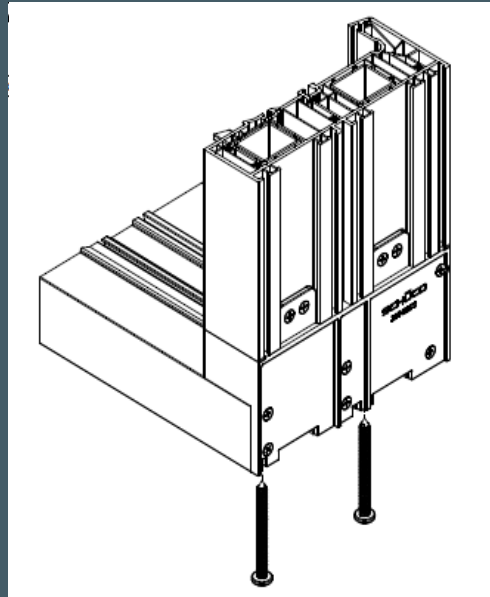
# Profile construction

## Fabrication of trim: options for frame connection

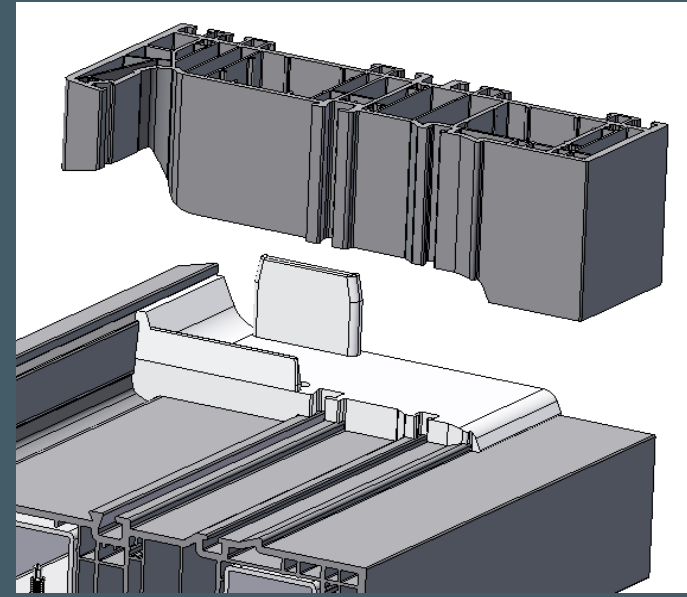
Sawing: Mitre  
Welded



Sawing: 90°  
Mechanical connector



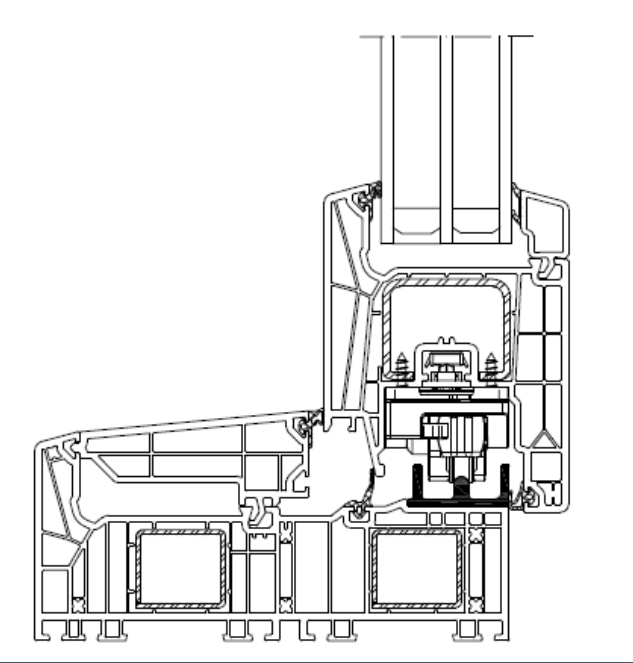
Sawing: 90° + milling  
Mechanical connector



# Profile structure

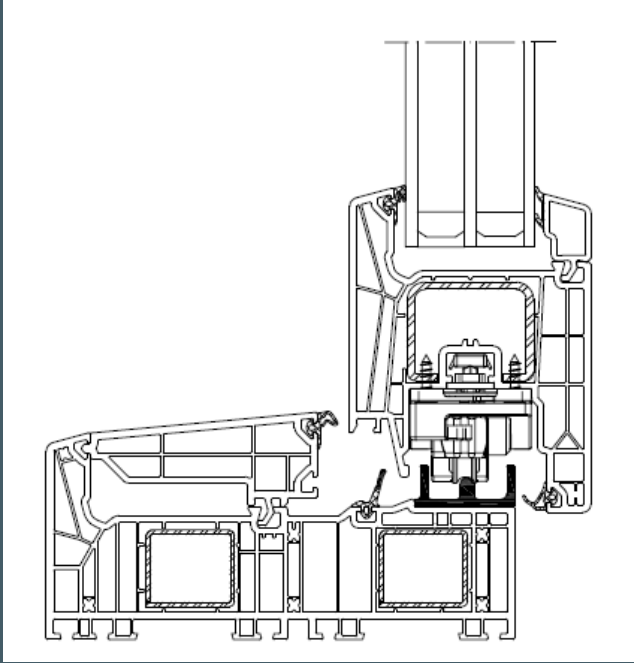
V1

Closed

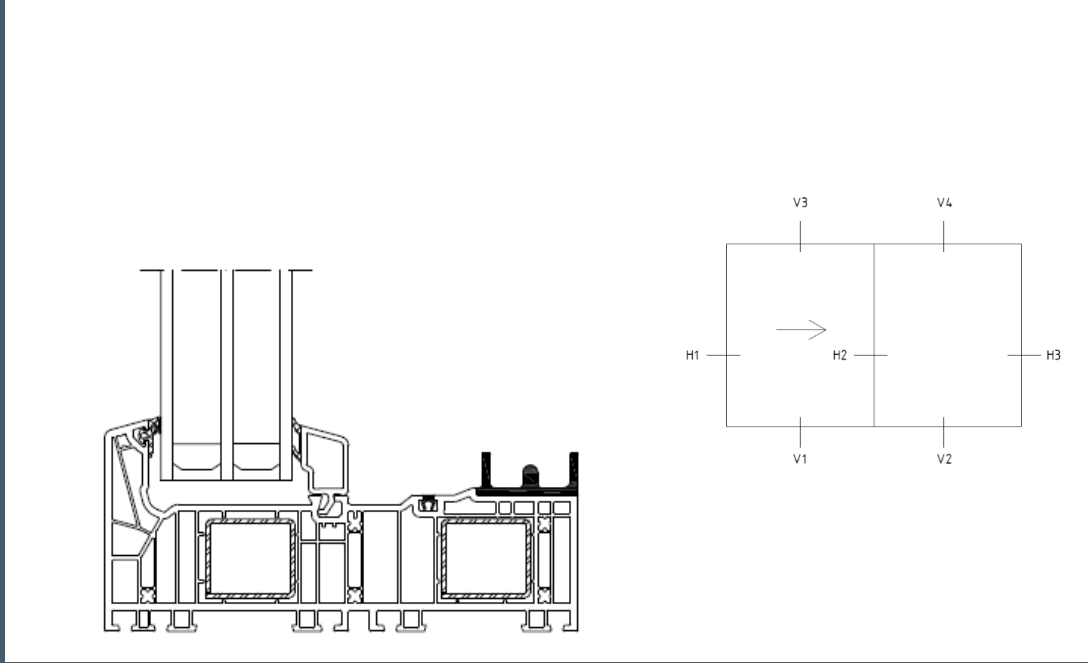


V1

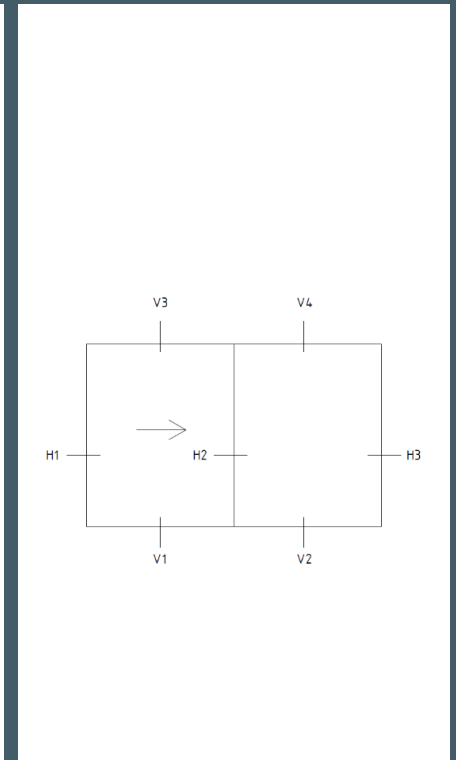
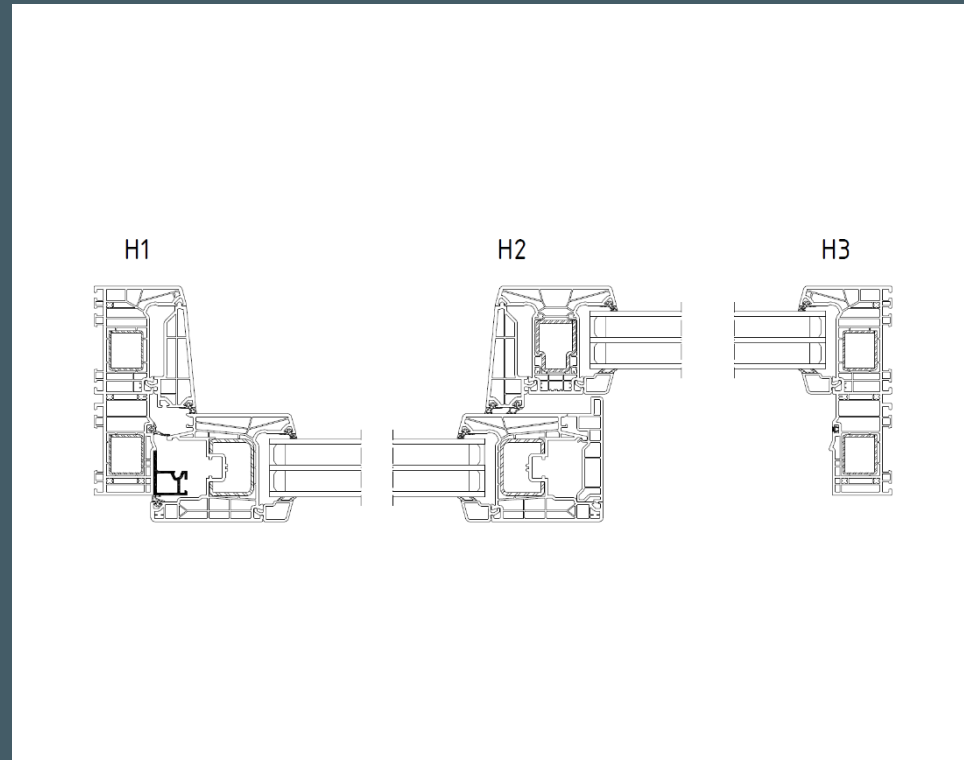
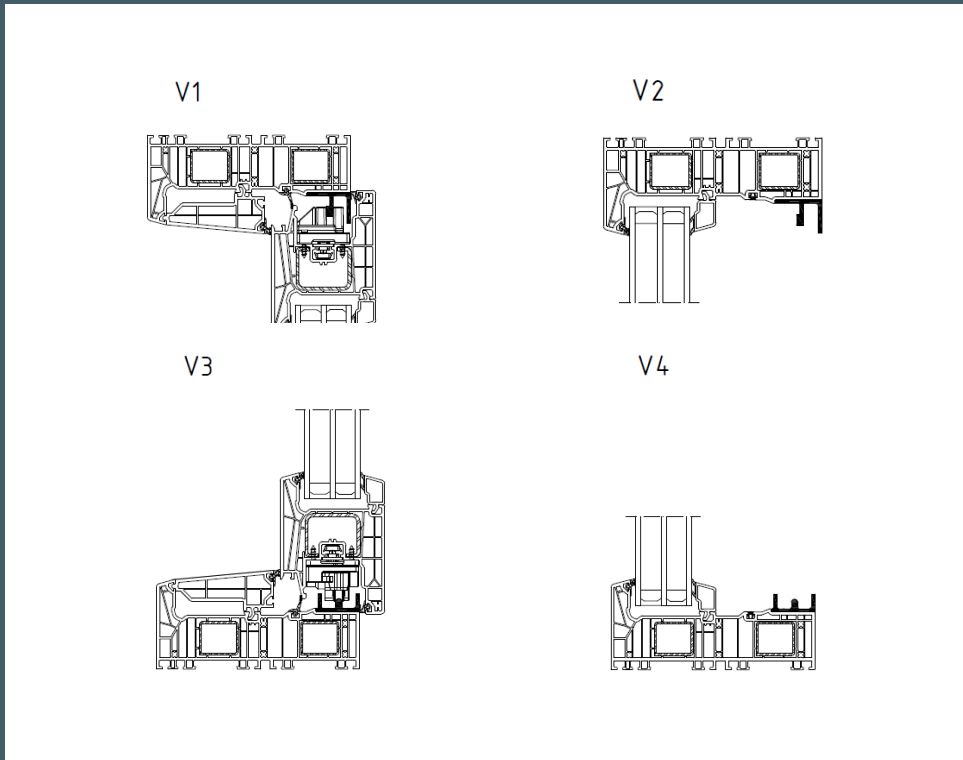
Locked parallel open



V2

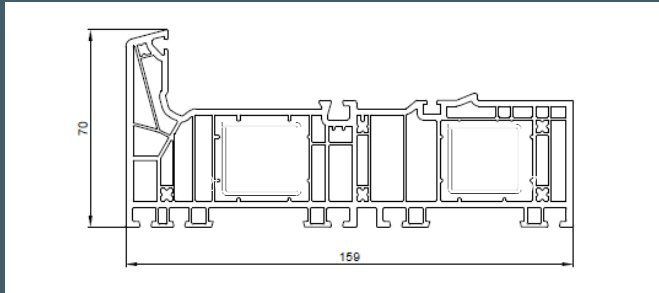


# Profile structure

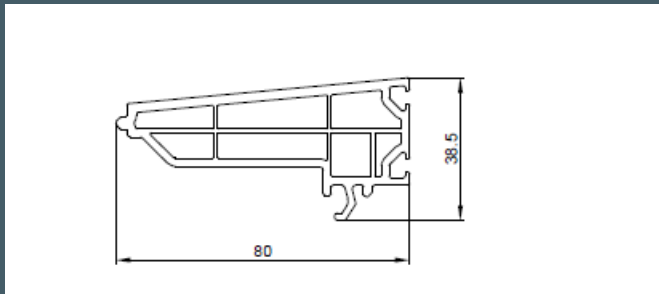


# Overview of profiles

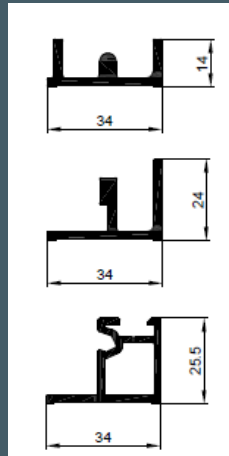
Frame 159 / 70



Vent rebate 38 / 80



According to fitting

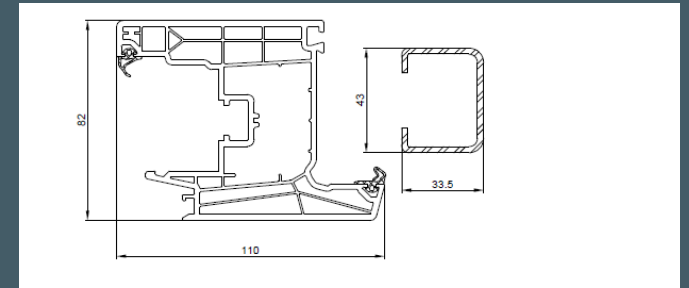


Track

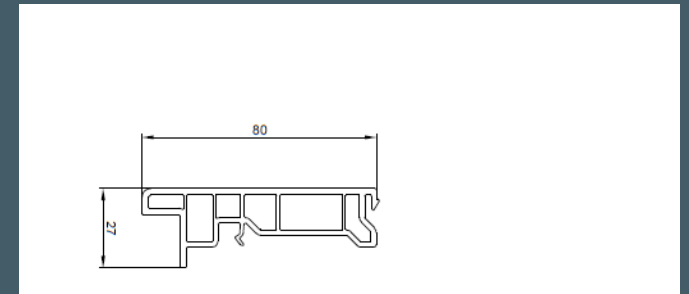
Guide track

Locking part strip

Vent 110 / 82



Cover profile 30 / 84



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# Construction details Fitting

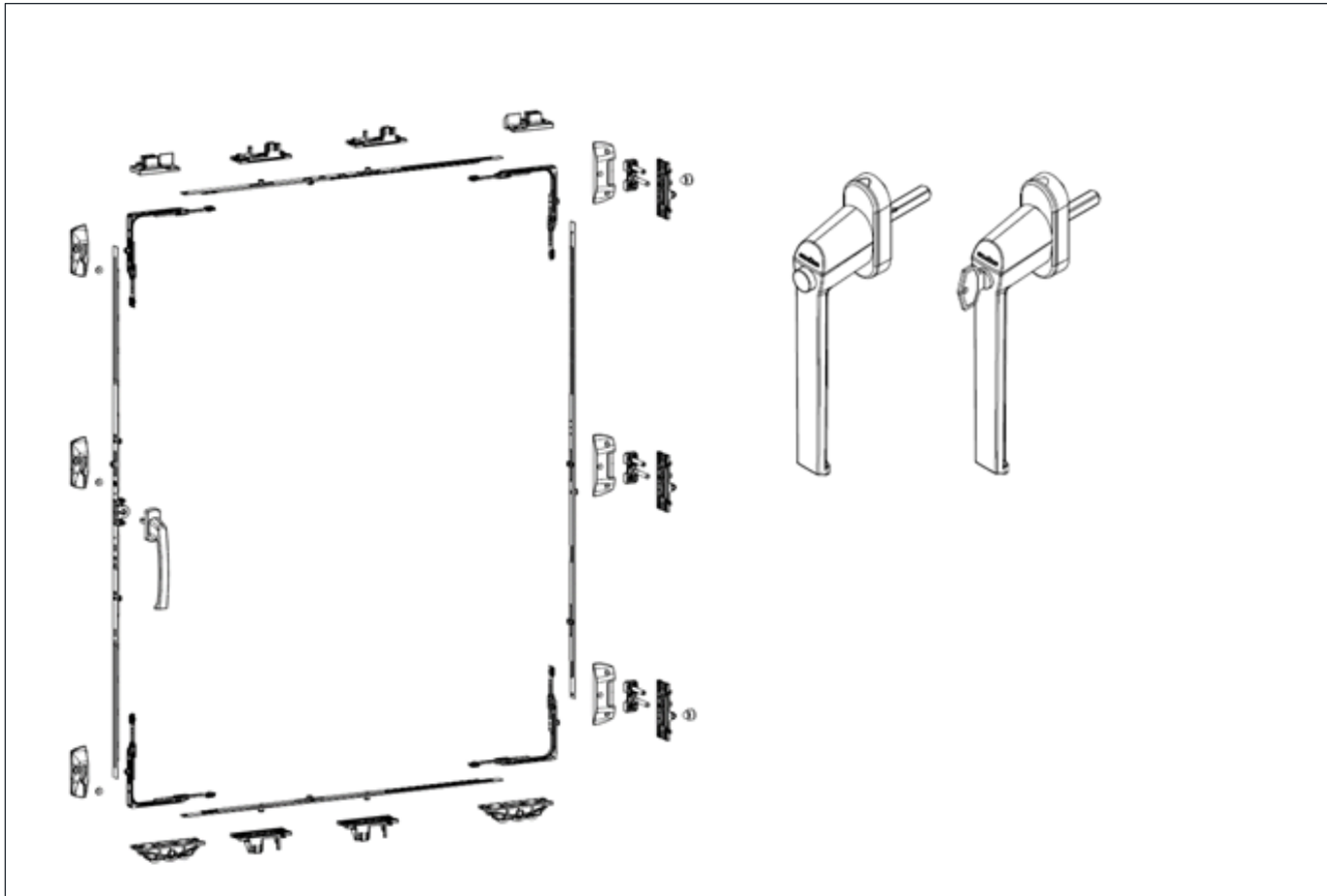
04





# Schüco Living move

## System details – fittings



Handle length:

160 mm

Window handle:

Possible

Gearbox:

Standard turn/tilt gearbox D15

Handle position:

Can be positioned on all four vent sides

# Schüco Living move

## System details

### Roller carriage



Axial linear ball bearings for easy movement  
into locked parallel open position

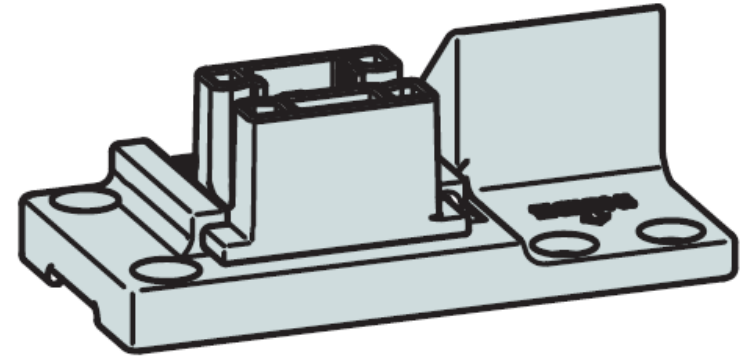
Swing movement ensures smooth operation

Locked parallel open position with integrated  
self-latching feature in the form of  
engagement mechanism in open position

Opening width 6 mm

PVC-U up to 250 kg

### Top guide



Secure guide in addition to top locking points

Precise slide-in guide, coupling with frame trim connector not  
required

# Schüco Living move

## System details

### Locking at centre joint



Contact pressure adjustment +/- 5mm

Secure retraction, sufficient space at top/bottom

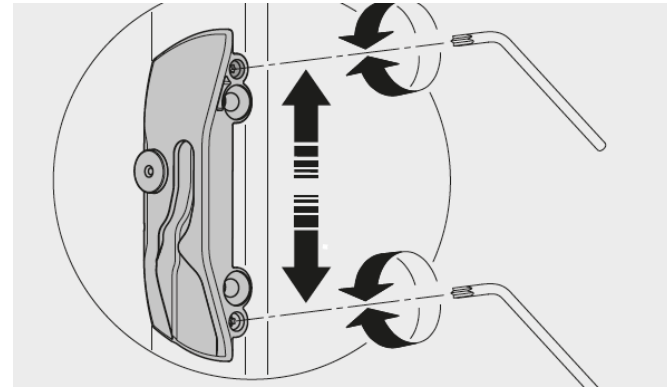
Large hook

Solid structure prevents vent from being levered out

Optional security for RC 2

Simple factory settings

### Locking on handle side



Height-adjustable

Strike plate including buffer

Secured opening gap

Fixing by means of clamping

Optional additional screw-fixing for RC 2

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# Product highlights

05



# Schüco Living move

## Compelling benefits



For the installation of sliding windows and doors

as an alternative to lift-and-slide doors

Schüco Living is the basis for the vent profile → use of identical parts in glazing area

Schüco Living move is characterised by a high level of weathertightness and thermal insulation → optional centre gasket

Smooth, easy operation,

Attractive design, also available with Schüco TopAlu

Burglar resistance up to RC 2

Matching fitting and handles also available

Cost-effective, part-automated fabrication

Optimized gaskets

Thank you!

