Drywall Systems

**W497-A01.de**

Installation Instructions 2024-02

# Pocket Kit Easy

## Installation Instructions

Single door leaf installation

Dual door leaf installation

NEW

■ Pocket Kit Easy dual door leaf installation

# Contents

## Usage instructions

### Notes on the document

These installation instructions are intended as a guide for installation of prefabricated products. It contains specifications on the scope of delivery, proper professional installation as well as test and adjustment of the product when necessary. The contained information and specifications, constructions, details and stated products are based, unless otherwise stated, on the certificates of usability (e.g. German National Technical Test Certificate (abP) valid at the date they are published as well as on the applicable standards. In addition, design and structural requirements and those regarding building physics (fire protection and sound insulation) are considered when necessary.

### Symbols in these instructions

The following symbols are used in this document:

**MB** Installation width

**B** Pocket depth

**C** Mounting rail length

**TBB** Door leaf width

**TBH** Door leaf height

**UKL** Runner rail lower edge

(a) Spacing ceiling/connection plate stud profile

### References to other documents

- Knauf Sliding Door System Pocket Kit Easy W497.de

### Reference to an installation video

youtube.com/knauf
Pocket Kit Easy Installation

## Legal notes

### Safety instructions

This installation guide contains instructions that must be observed to ensure your personal safety and to avoid material damage.

| | |
|---|---|
| **Caution** | Indicates a potentially harmful situation. If this is not avoided, the safety of the installation personnel or end user may be impaired and/or damage to the product or surrounding area may result. |

| | |
|---|---|
| **Note** | Provides useful information on the product or system. |

## Qualified personnel

The respective tasks for the product/system described in this guideline may only be performed by suitably qualified personnel. The safety and warning instructions must be observed and followed. Qualified personnel are those who, based on their training and experience, are capable of identifying risks and avoiding potential hazards when working with these products or systems.

## Intended use of products and systems

Please observe the following:

| | |
|---|---|
| **Caution** | Knauf products/systems may only be used for the application cases as stated in the Knauf documentation. In case third-party products or components are used, they must be recommended or released by Knauf. Flawless application of products or systems assumes proper transport, storage, assembly, installation and maintenance. |

## Recommended accessories

**Aluminium profiles for plastering reveals with enhanced edge stability.**

- For sliding doors without door frame with very high edge stability and excellent finish.
- Perfectly integrated into the drywall system.
- Available for wood and glass doors.
- Easy to install.
- Available for the standard size.
- For finished wall thickness FWD of 125 mm (with CW 75 stud) and 150 mm (with CW 100 stud).

| | |
|---|---|
| **Note** | The access trim for the standard door leaf bracket is included in the scope of delivery for the plaster reveal. |

| | |
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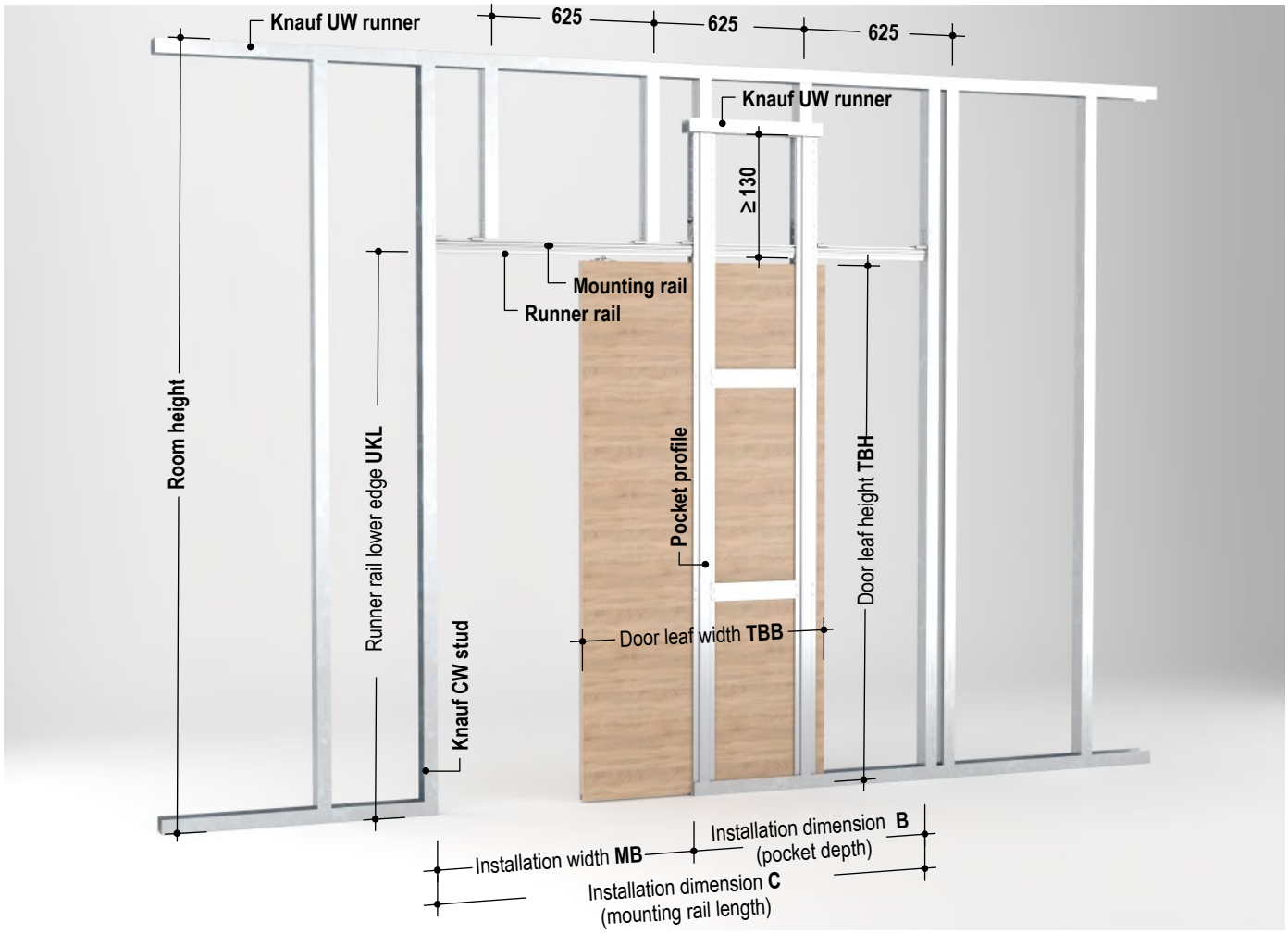
| **Recommended** | Jointing with Uniflott |

## Single door leaf installation

Figure 1: Knauf Pocket Kit Easy single leaf



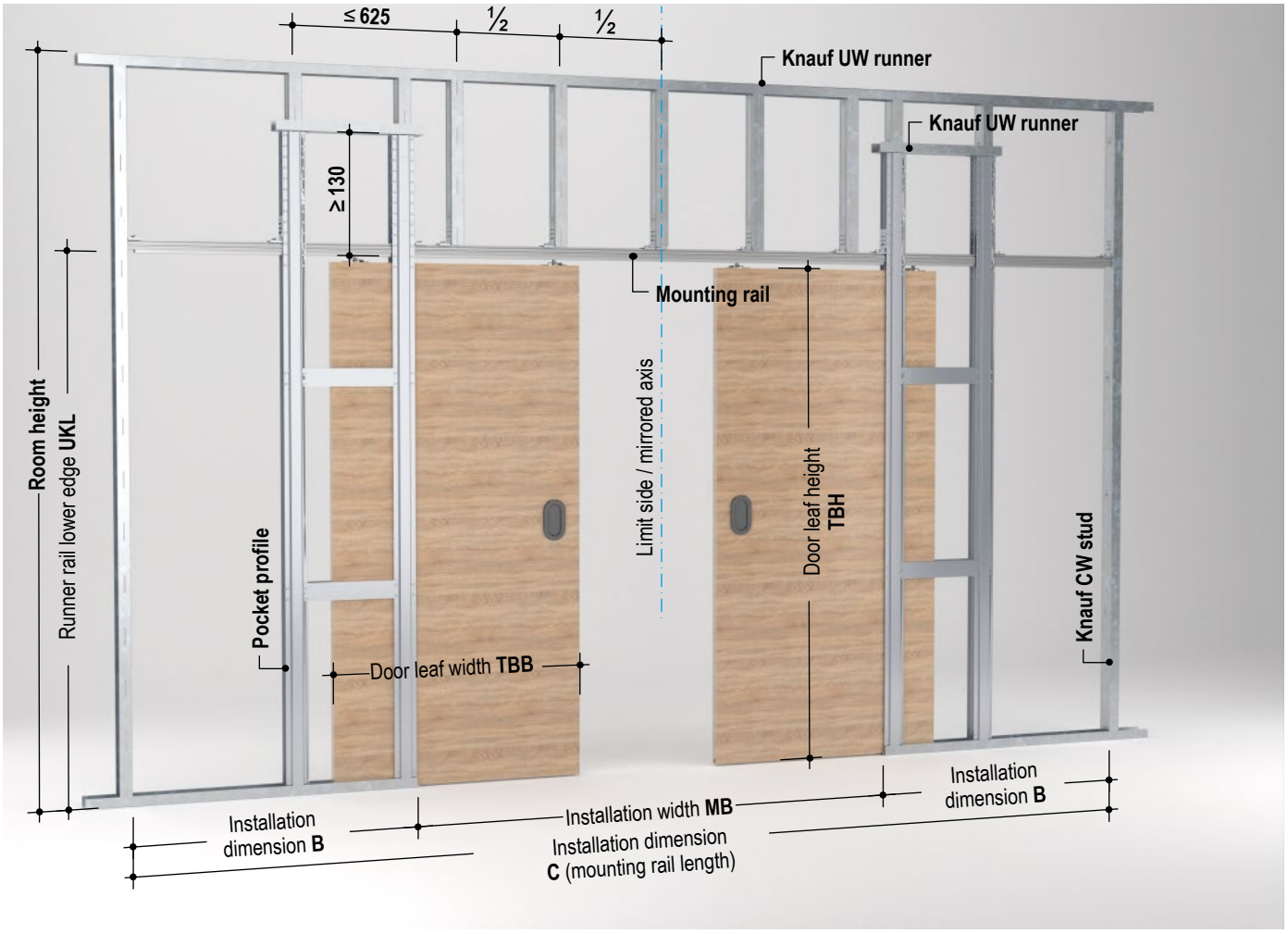

## Technical data

Table 1: Technical data Knauf Pocket Kit Easy single leaf

| Finished wall thickness FWD | Max. thickness wood door leaf[1)] | Glass door leaf thickness |
|---|---|---|
| 125 mm (CW 75 + 2x 12.5) | 40 mm | 8, 10 mm |
| 150 mm (CW 100 + 2x 12.5) | 40 mm | 8, 10 mm |

*1) Including e.g. trims or recessed handles*

Figure 2: Knauf Pocket Kit Easy dual leaf




## Technical data

Table 2: Technical data Knauf Pocket Kit Easy dual-leaf

| Finished wall thickness FWD | Max. thickness wood door leaf[1)] | Glass door leaf thickness |
|---|---|---|
| 125 mm (CW 75 + 2x 12.5) | 40 mm | 8, 10 mm |
| 150 mm (CW 100 + 2x 12.5) | 40 mm | 8, 10 mm |

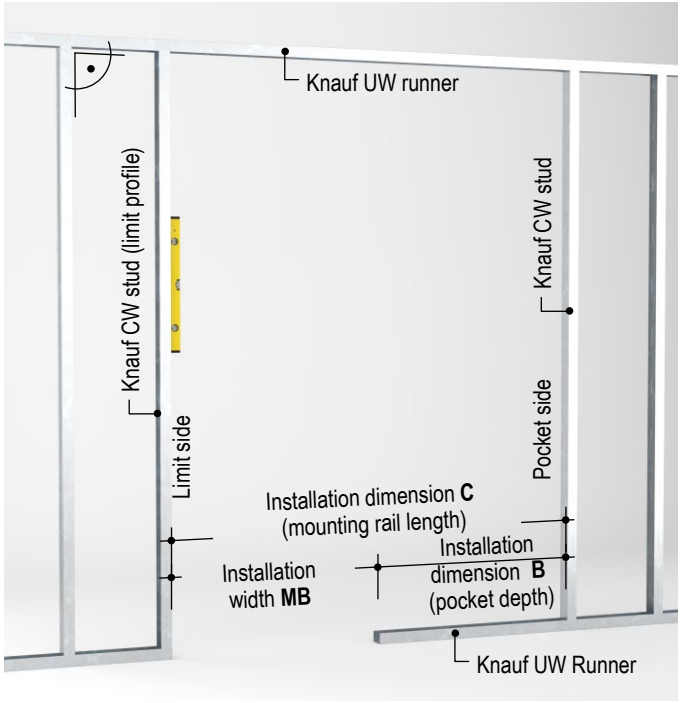
*1) Including e.g. trims or recessed handles*

## Preparation of the partition stud frame for the installation of Knauf Pocket Kit Easy

| Note | Installation dimensions acc. to product range. |
|---|---|

The CW studs of the partition in the Pocket Kit Easy area are aligned at the web side to the Pocket Kit Easy, see Figure 3/Figure 4.

Figure 3: Preparation of the frame construction on site (single leaf)




| Note | Vertically align and crimp the limit profile. |
|---|---|

Table 3: Dimensions in case of door leafs with standard dimensions (one leaf)

| Door leaf size in mm TBB | Installation dimensions in mm MB | B | C |
|---|---|---|---|
| 985 | 1000 | 980 | **1980** |
| 860 | 875 | 855 | **1730** |
| 735 | 750 | 730 | **1480** |
| 610 | 625 | 605 | **1230** |

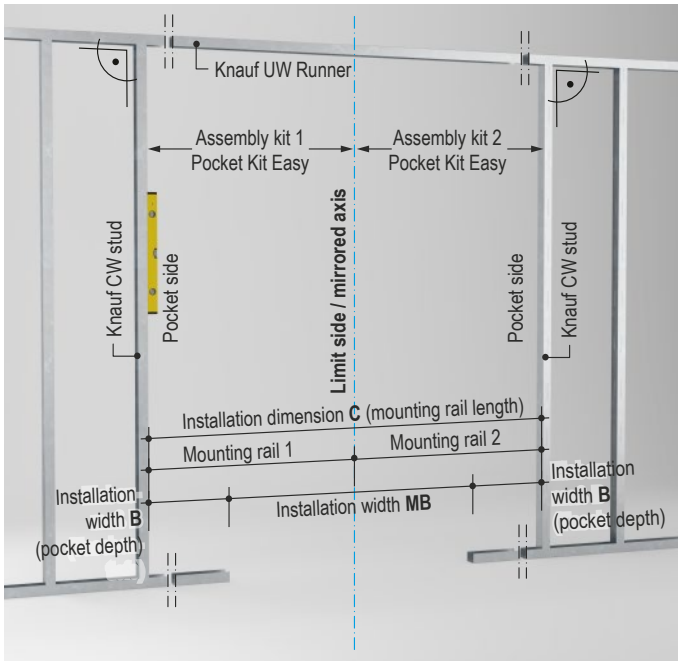
Table 4: Dimensions in case of door leafs with standard dimensions (one leaf)

| Door leaf height wooden door leaf in mm **TBH** (wood) | Door leaf height glass door leaf in mm **TBH** (glass) | Installation dimensions in mm **UKL** |
|---|---|---|
| 1985 | 1980 | **≤ 2018** |
| 2110 | 2105 | **≤ 2143** |
| 2235 | 2230 | **≤ 2268** |

Table 5: Calculation of dimensions for door leafs with custom sizes (one leaf)

| Application | MB | Installation dimension B | Installation dimension C | UKL |
|---|---|---|---|---|
| Wooden door leaf with standard door leaf bracket | TBB + 15 mm | TBB – 5 mm | 2 x TBB + 10 mm | TBH + 33 mm |
| Glass door leaf with sliding door suspension | TBB + 15 mm | TBB – 5 mm | 2 x TBB + 10 mm | TBH + 38 mm |

Figure 4: Preparation of the frame construction on site (dual-leaf)




| Note | Vertically align and crimp the profiles. |
|---|---|

Table 6: Installation size for door leafs with standard dimensions (dual-leaf)

| Door leaf dimensions in mm TBB | Installation dimensions in mm MB | B | C |
|---|---|---|---|
| 985 (2x) | 1970 | 995 | **3960** |
| 860 (2x) | 1720 | 870 | **3460** |
| 735 (2x) | 1470 | 745 | **2960** |
| 610 (2x) | 1220 | 620 | **2460** |

| Note | The installation width **MB** must be manually measured and checked in accordance with the table. |
|---|---|

| Caution | For dual-leaf variants all dimensions must be measured as the punching of the support rails does not fit. |
|---|---|

Table 7: Dimensions for door leafs with standard dimensions (dual-leaf)

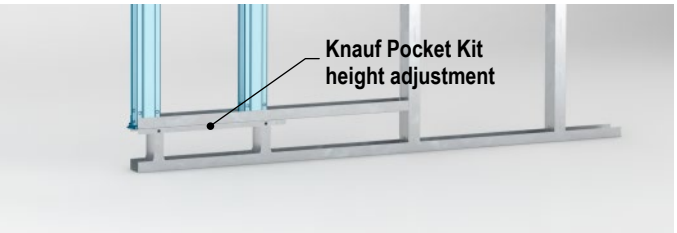
| Door leaf height wooden door leaf in mm **TBH** (wood) | Door leaf height glass door leaf in mm **TBH** (glass) | Installation dimensions in mm **UKL** |
|---|---|---|
| 1985 | 1980 | **≤ 2018** |
| 2110 | 2105 | **≤ 2143** |
| 2235 | 2230 | **≤ 2268** |

Table 8: Calculation of the installation dimensions in case of door leafs with custom dimensions (one leaf)

| Application | MB | Installation dimension B | Installation dimension C | UKL |
|---|---|---|---|---|
| Wooden door leaf with standard door leaf bracket | 2 x TBB | TBB + 10 mm | 4 x TBB + 20 mm | TBH + 33 mm |
| Glass door leaf with sliding door suspension | 2 x TBB | TBB + 10 mm | 4 x TBB + 20 mm | TBH + 38 mm |

| Note | Should the system be installed on the basic bare floor, the area of the doorway entrance (installation dimension B) must be raised to the upper edge of the finished floor, e.g. using a Knauf Pocket Kit Height Adjustment W496-A12.de. |
|---|---|

Figure 5: Knauf Pocket Kit Height Adjustment




## Installation preparation Knauf Pocket Kit Easy

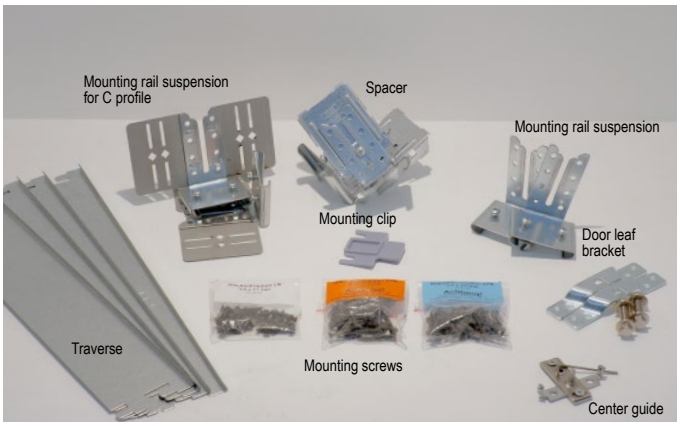
| Note | Knauf Pocket Kit Easy will be pre-assembled and then installed in the door opening/profile opening.<br>In case of a dual-leaf variant, the one-leaf arrangement is manufactured twice and inserted into the profile opening against each other and then screwed together. |
|---|---|

1. Unpack the Knauf Pocket Kit Easy, see Figure 6. In case of the dual-leaf Pocket Kit Easy, start with an assembly kit and install it completely.

Figure 6: Partly assembled Knauf Pocket Kit Easy
(single-leaf – one assembly kit, dual-leaf – two assembly kits)

2. Sort the parts, see Figure 7.

Figure 7: Contents of accessory box of an assembly kit



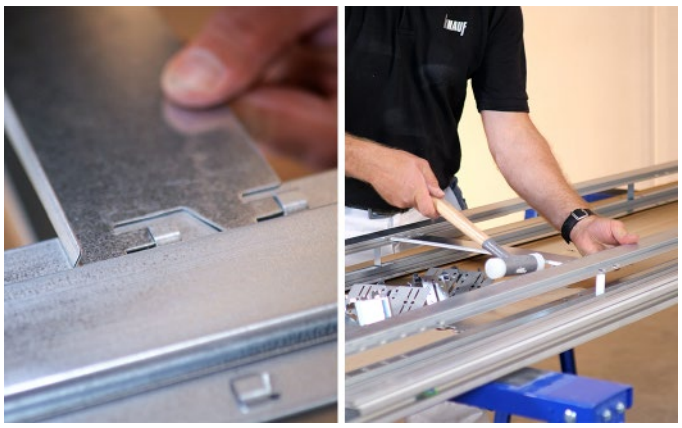

## Installation of the Knauf Pocket Kit Easy

3. Align the stud profiles to one another so that the connection plates point to one another, see Figure 8.

Figure 8: Stud profile alignment

4. Preassemble the stud profile with the 4 traverses, see Figure 9.

Figure 9: Pre-assemble the pocket

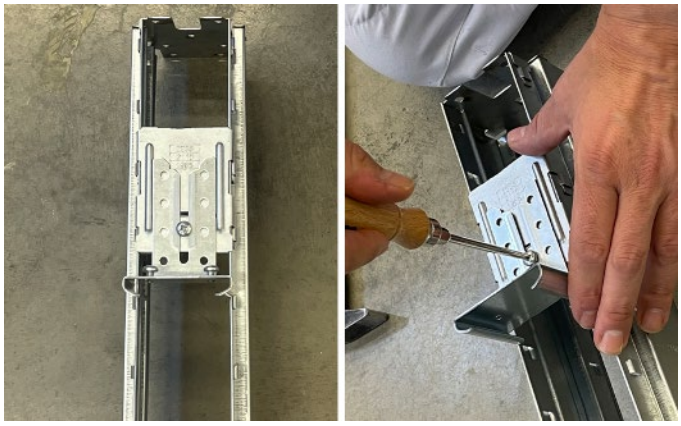


5. Install the supplied spacer at an appropriate height, see Figure 10.

Figure 10: Spacer installation

6. Adjust the suspension to the required door height. Loosen the fixing screw, slide the suspension and then re-tighten the fixing screw, see Figure 11.

Figure 11: Adjusting the spacer



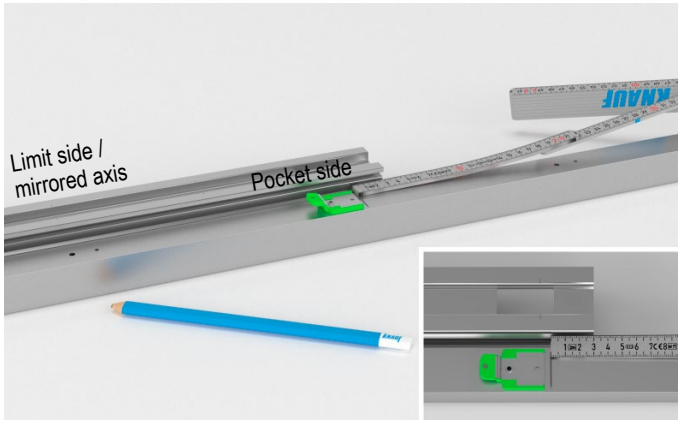
| Notes | The mounting rail and the runner rail only need to be shortened when insufficient space is available for the pocket.<br>The red screw (required for reassembly) must be removed to shorten the rails to the appropriate length, and then slide the rails against one another to release the runner rail from the lock. |
|---|---|

7. Shorten the mounting rail to the clear dimension of the wall frame (installation dimension **C**), from Table 3 on page 6, see Figure 12.
**CAUTION** This dimensions also applies for the dual-leaf construction. Measured from the limit side (one-leaf, see Figure 3 on page 6) or on the mirrored axis (dual-leaf, see Figure 4 on page 6)

Figure 12: Shorten the mounting and runner rail

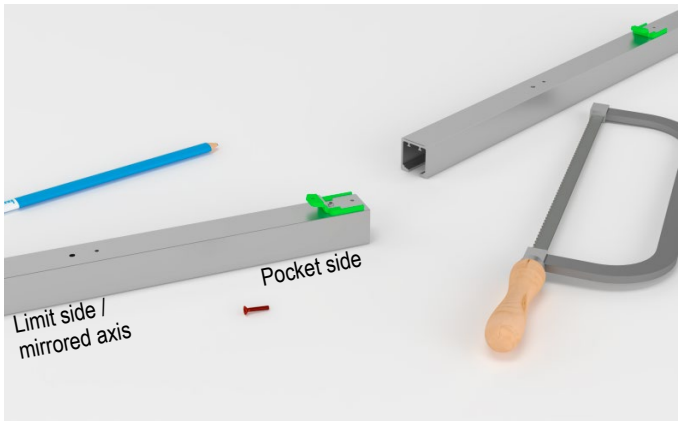

8. Also shorten the runner rail by aligning the rail flush on the stop end (one-leaf, see Figure 3 on page 6) or mirrored axis (dual-leaf, see Figure 4 on page 6). The runner rail must be 30 mm shorter that the mounting rail, see Figure 13.
**CAUTION** Slide the rear adjustment lever (green) to the stop end/ mirrored axis and do not shorten it!

Figure 13: Determine the runner rail length




9. Put the two rails back together and fix them with the red screw, see Figure 14.

Figure 14: Installation of runner rail in mounting rail




| Note | **Mounting rail installation**: Make sure that the Sliding Door Suspensions are in the runner track and aligned with the stopper. |
|---|---|

10. Pay attention to the alignment when installing the mounting rail, see Figure 15.

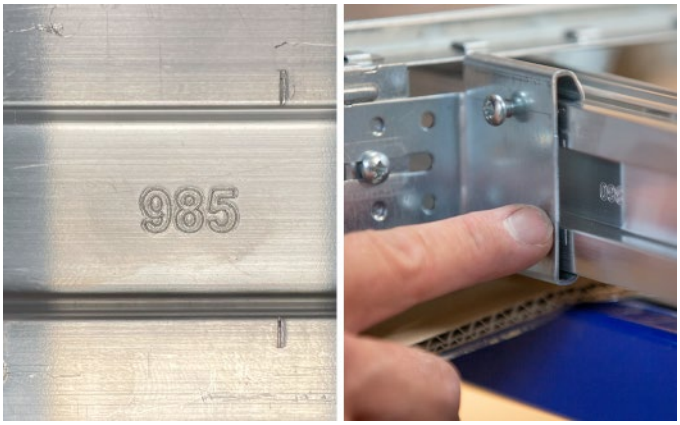
Figure 15: Rail alignment


11. Slide the mounting rail into the pocket from the door side, see Figure 16.

Figure 16: Mounting rail installation

12. Slide the mounting rail up to the desired door leaf width marking, if necessary calculate intermediate dimensions following the information in Table 5 / Table 8, see Figure 17.

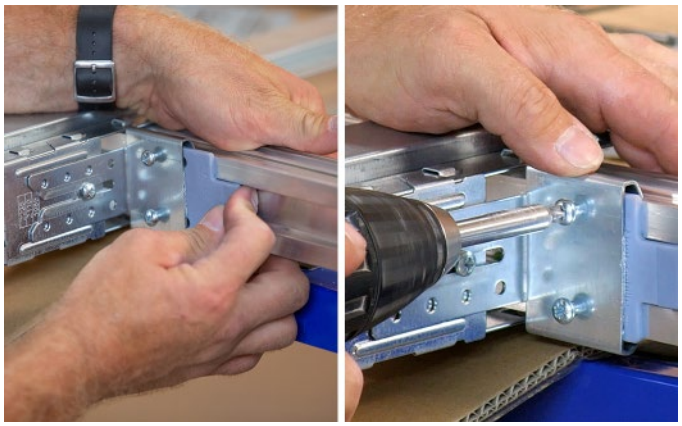
Figure 17: Mounting rail adjustment




| Note | Screw fasten all "Suspension mounting rails" to the mounting rail with the aid of the mounting clip. |
|---|---|

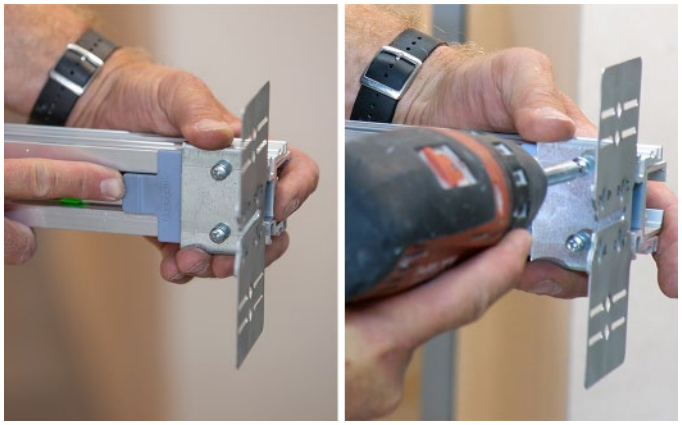
13. Screw the mounting rail into place using the mounting clip (to secure the position) and remove it again after screw fastening, see Figure 18.

Figure 18: Fastening the mounting rail



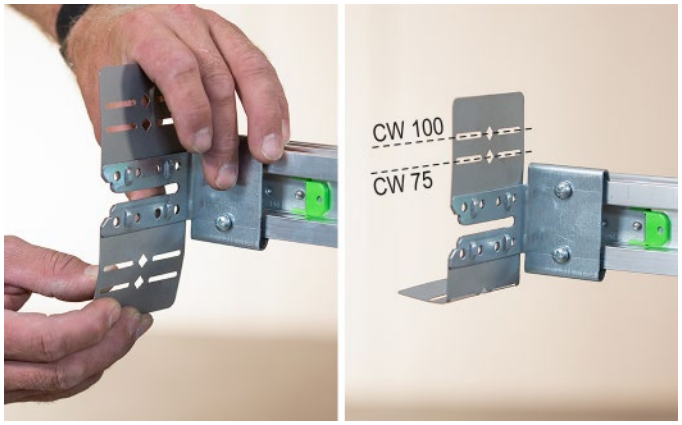
14. Screw on the right and left connection brackets flush using the mounting clip, see Figure 19.

Figure 19: Screwing fastening the suspension to the mounting rail



15. Depending on the stud frame 75/100, bend the securing flap over on one side. The connection bracket ensures central alignment and secures the Pocket Kit Easy during installation, see Figure 20.

Figure 20: Bend back the connection bracket



16. Insert the Pocket Kit Easy into the prepared wall frame, see Figure 21.

Figure 21: Adjusting the Pocket Kit Easy

17. Align the Pocket Kit Easy, see Figure 22.

Figure 22: Pocket Kit Easy alignment

18. Fold down the lateral flaps, see Figure 23.
**CAUTION** in case of the dual-leaf variant only the flaps on the pocket side are folded down.

Figure 23: Folding down the lateral flaps

19. **One-leaf variant:** Check the dimension **MB** installation width, **B** pocket depth and **C** mounting rail length from Table 3 or Table 5 and Figure 3 from page 6.
**Dual-leaf variant:** Check the dimension **MB** installation width, **B** pocket depth and **C** mounting rail length from Table 6 or Table 8 from page 6. The dimension **C** mounting rail length of the dual-leaf variant consists of two interconnected mounting rails from assembly kit 1 and assembly kit 2, see Figure 4 on page 6, see Figure 24.

Figure 24: Checking the dimensions

20. **CAUTION** Check the marking in the pocket profile as well as in the one-leaf variant for the dimension **UKL** runner rail lower edge from Table 4 or Table 5 on page 6, and in case of the dual-leaf variant, the dimension **UKL** runner rail lower edge from Table 7 or Table 8 on page 6.
Fasten the mounting rail suspension on pocket side with LN 3.5x11, see Figure 25. In case of the dual-leaf variant, fasten the initially completed Pocket Kit first.

Figure 25: Fixing the suspension

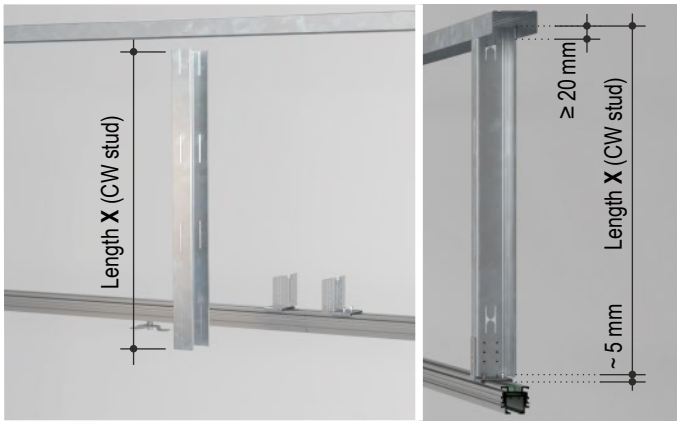
| | |
|---|---|
| **Caution** | For the dual-leaf variant, start by assembling the second Pocket Kit Easy construction from assembly kit 2 and undertake the assembly process again right up to this point. |

21. For dual-leaf variant only:
After you have installed the second construction into the profile opening as a mirror image of the the first Pocket Kit Easy, they can be then screwed together as shown in Figure 25. The individual connection steps are explained below.

Figure 26: Connecting the two Knauf Pocket Kit Easy kits

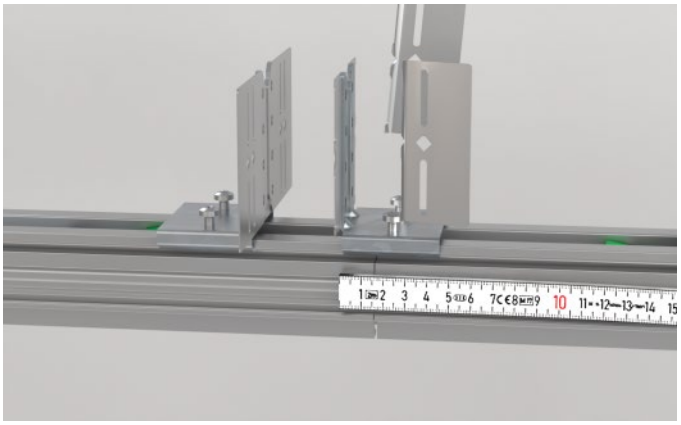
22. For dual-leaf variant only:
Cut a CW stud of the wall profile to the required length **X**, so that it protrudes at least 20 mm into the UW ceiling profile up to the mounting rail and exhibits a gap of approx. 5 mm, see Figure 27.

Figure 27: Cut additional CW lintel runner to length



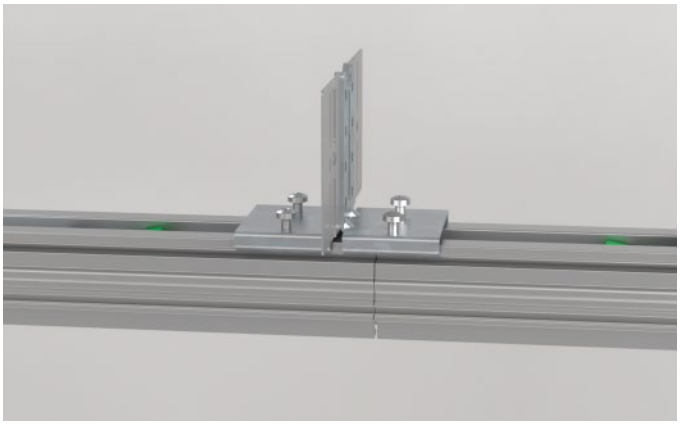

23. For dual-leaf variant only:
Remove the lateral flaps from a connection bracket by bending back and forth several times and slide it about 15 mm over the joint of the support profiles. Screw it into position, see Figure 28.

Figure 28: Remove the lateral flaps and fasten the connection bracket



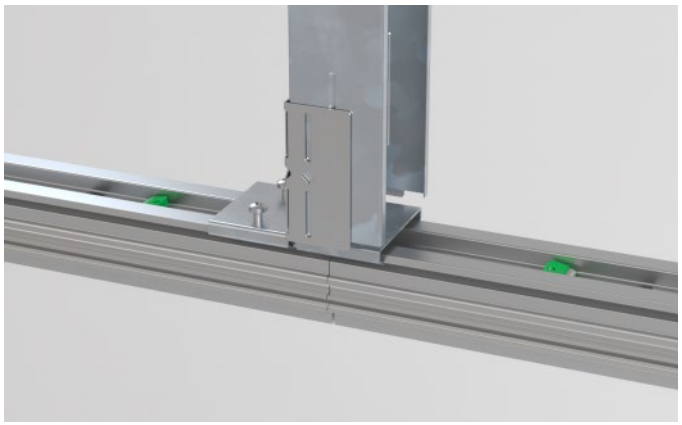
24. For dual-leaf variant only:
Slide the connection bracket of the second construction onto the connection bracket that has just been attached and also screw it to the support profile, see Figure 29.

Figure 29: Fastening the second connection bracket



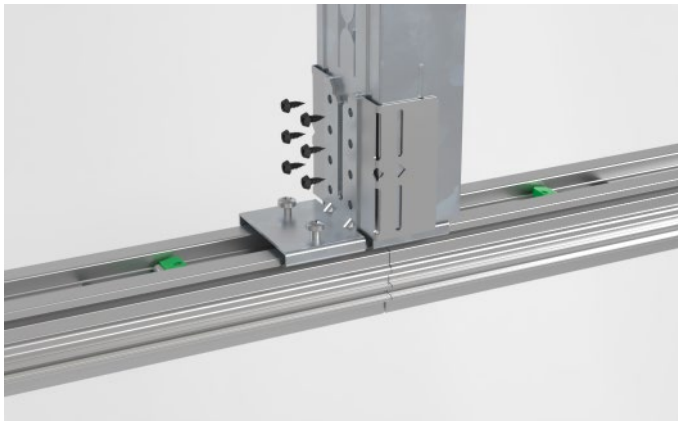
25. For dual-leaf variant only:
Place the CW stud over the joint of the mounting rails with the web side pressed against the connection bracket in the lintel and bend the remaining lateral flaps of the connection bracket around the flanges of the CW stud, see Figure 30.

Figure 30: Insert the CW stud and bend over the lateral flaps



26. For dual-leaf variant only:
Fasten this construction to the CW stud using 6 Metal Screws LN 3.5x11 through the holes in the two connection brackets to create a rigid and secure connection, see Figure 31.

Figure 31: Construction connection



27. For precise adjustment, loosen the adjustment screws, see Figure 32.

Figure 32: Adjusting the suspension mounting rail

28. Align the mounting rail horizontally (only align upwards) and fix it with a Metal Screw LN 3.5x11, see Figure 33.

Figure 33: Mounting rail alignment

29. Fix the bracket with the adjustment screws, see Figure 34.

Figure 34: Fixing the suspension mounting rail

30. Screw fasten all suspensions to the connection points with 6 Metal Screws LN 3.5x11 each, see Figure 35.

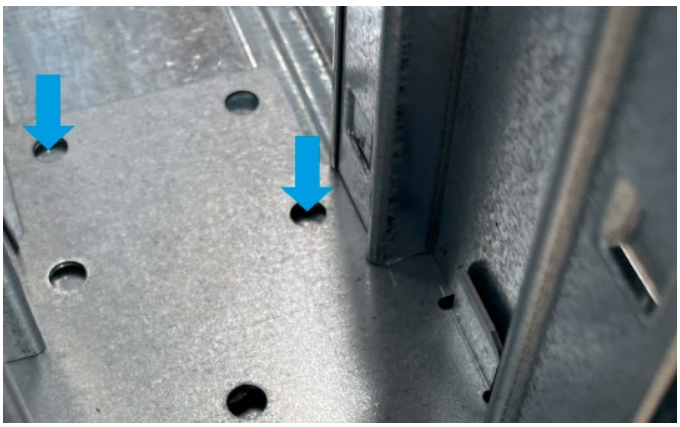
Figure 35: Screw fastening

31. Remove all the lateral flaps by repeatedly bending them to and fro, see Figure 36.

Figure 36: Remove the lateral flaps

32. Fasten each of the connection plates with two anchors suitable for the substrate, see Figure 37.

Figure 37: Fasten the connection plates



33. Screw on the brackets for mounting the CW studs located in the lintel area and mount the CW studs to match the partition stud spacing. Screw fasten them using Metal Screws LN 3.5x11, see Figure 38.

Figure 38: Install the partition frame

34. If the spacing **a** ≥ 260 mm between the ceiling and the connection plate of the stud profile, then mount a UW runner in wall frame thickness in the center to the connection plates of the stud profiles with two Metal Screws LN each and place a CW stud in the extension of each stud profile, see Figure 39/Figure 40.

Figure 39: Supplement the wall frame (one-leaf)

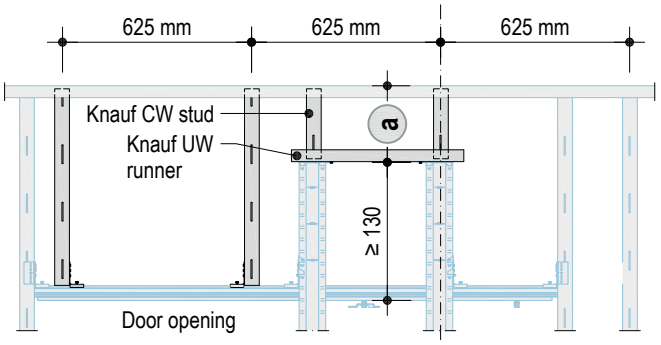
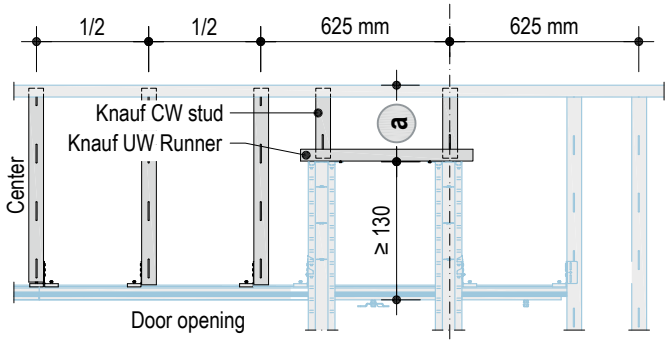
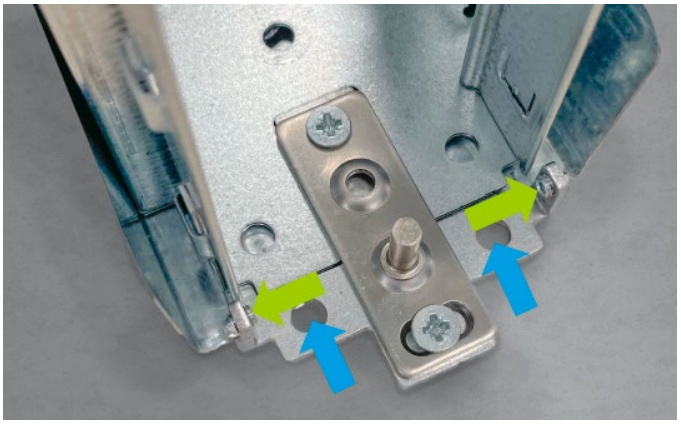



Figure 40: Supplement the wall frame (dual-leaf)




35. Insert the center guide and fasten it with suitable fasteners. Anchor in the **floor**, alternatively in the **reveal**. (Depends on the reveal used), see Figure 41.

Figure 41: Center guide placement



36. Before cladding, fit appropriate gypsum board or aluminium reveal or coordinate corner design for wooden or steel door frame. The installation instructions are enclosed in the respective packaging or can be downloaded from www.Knauf.com, see Figure 42

Figure 42: Preparation of the cladding

37. Cladding of the wall according to the specifications of the wall system. In the area of the Pocket Kit Easy doorway entrance pocket, the drywall screws included in the scope of delivery must be used to prevent subsequent damage to the door leaf, see Figure 43. Maintain an air gap under the panels to the floor of 10 mm.

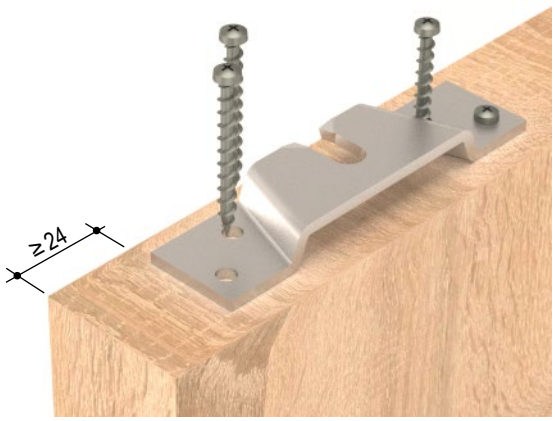
Figure 43: Cladding

38. After cladding, remove the four installation aids that are close to the traverse anchoring points.

## Door leaf installation

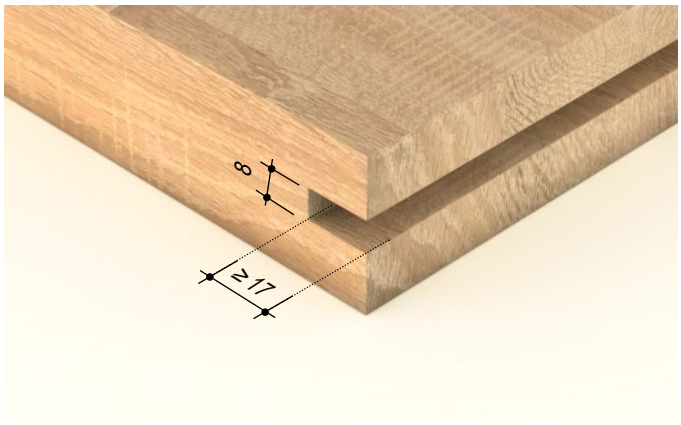
39. Fasten the door leaf suspension with a spacing to the edge of ≥ 24 mm to the center of the door leaf. Fasteners provided by customer. If not specified by the door leaf manufacturer, fasten the hangers each with at least four screws 4.2x40 Pan Head, see Figure 44.

Figure 44: Screw the door leaf brackets onto the door leaf




40. Ensure that there is an 8 mm wide groove in the door leaf as a door leaf guide, centred on the width of the door leaf and ≥ 17 mm in depth, see Figure 45.

Figure 45: Door leaf guide groove




41. Screw the door leaf bracket mounting screws into the Sliding Door Suspension, making sure that the fixing nut remains on the screw.
42. Attach the door, making sure to slide the door leaf groove over the centre guide and hook the door leaf bracket into the door leaf bracket mounting screw, see Figure 46.

Figure 46: Attach the door leaf

43. Align the door leaf horizontally by fine adjustment of the door leaf bracket mounting screw using an open-ended spanner.

Figure 47: Horizontal door leaf alignment

44. Use the nut on the door leaf bracket mounting screw to secure the door leaf bracket.

Figure 48: Fix the door leaf

**Well done!**

Videos for Knauf systems and products can be found under the following link:
youtube.com/knauf

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