item

Runway Slide Set 8 40x40 with Runway Profile 8 40x40

Notes on Use and Installation

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Symbols, safety



Important, safety information, recommendation



Maintenance

General safety information

The details and information in the installation guide are provided for the purposes of describing the product and its assembly only. The information does not discharge the user from the obligation to carry out his own assessments and checks. It is important to bear in mind that our products are subject to a natural process of wear and ageing.These notes contain important information that will enable you to use the product safely and appropriately. When sold, rented out or otherwise passed on to another party, this product must be handed over with the installation guide.

When installing, operating and maintaining the runway slide system, it is important to ensure that all moving elements are secured so that they cannot be switched on and moved unintentionally. Moving parts can cause serious injury! You must therefore read and follow the safety instructions set out below.

- All work on and with the runway slide system must be performed with “safety first” in mind.
- Do not place your hands in the working area around the moving parts while they are still in use.
- Fit guards and covers to the moving parts to ensure they are not touched unintentionally.
- Observe the regulations pertaining to accident prevention and environmental protection that apply in the country and place of work where the product is being used.
- Use only item products that are in perfect working order.
- Failure to use original spare parts will invalidate the product warranty!
- Check the product for obvious defects. Use the product only within the performance range described in the technical data.
- Ensure that all the safety equipment associated with the product is present, properly installed and in full working order.
- Do not alter the position of safety equipment, circumvent it or render it ineffective.

The products described here correspond to the state of the art and take into account the general principles of safety applicable at the time this installation guide was published.Nevertheless, failure to observe the safety instructions and warning notices in this installation guide may result in personal injury and damage to property.We will assume no liability for any resulting damage or injury. We reserve the right to make technical changes that represent technical advances. Keep these installation notes in a place where they can be easily accessed by all users. Observe the directions contained in the main user guide for the system.

The general safety information applies to the entire lifecycle of the product.

Observe the handling instructions on the packaging. Until it is installed, the product must be stored in its original packaging, protected from moisture and damage. Ensure that moving parts are secured when in transit and cannot cause any damage.

2. During installation
Always deactivate any power supply to the relevant system part and ensure it is not live before installing the product. Lay cables and lines in such a way that they cannot be damaged and do not represent a trip hazard. Avoid areas that pose slip, trip and fall hazards.

3. During start-up
Allow the product to acclimatise for a few hours before starting it up.Only start up a product that has been installed in full.

4. During operation
Ensure that only persons who have been authorised by the operator have access to the immediate operating environment of the system. This also applies when the system is not in operation. It must not be possible to actuate moving parts unintentionally. During emergencies, malfunctions or other irregularities, deactivate the system and ensure that it cannot be switched back on. Prevent the possibility of persons becoming trapped in the system's hazard zone.

5. During cleaning
Close all openings with suitable protective equipment to ensure that cleaning agents cannot penetrate the system. Do not use aggressive cleaning substances. Do not use a high-pressure cleaner when cleaning the system.

6. During maintenance and servicing work
Carry out the prescribed maintenance work at the intervals stipulated in the user guide. Ensure that no line links, connections or components are removed while the system is live and under pressure. Ensure the system cannot be switched back on.

7. During disposal
Dispose of the product in accordance with the national and international regulations that apply in your country.

Correct use

The runway slide system must only be used in accordance with the technical data and safety requirements set out in this document. Internal company requirements and the regulations that apply in the country where the product is being used must be observed. You must not make any design modifications to the runway slide system yourself. We will assume no liability for any resulting damage or injury.
You may only install, operate and maintain the runway slide system if:

- The runway slide system has been integrated properly and safely,
- You have carefully read and understood the installation guide,
- You are appropriately qualified,
- You are authorised to do so by your company,
- You are using only original equipment from the manufacturer.

Unsafe or inappropriate use of the runway slide system runs a risk of serious injury through crushing and cuts.

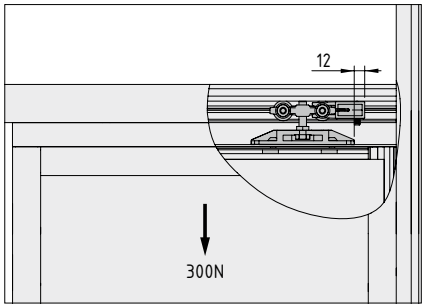
Improper use

Improper use is defined as any use of the product for purposes other than those authorised in the installation guide and under the definition of correct use. We will assume no liability for any resulting damage or injury.

Runway Slide Set 8 40x40 operating parameters

Maximum loading force per Runway Slide Set: 300 N for tensile and compressive loads.

Lateral loads are to be avoided! Due to the tensile and compressive loads, the slides must always be screwed to the top or bottom of the sliding door.



Installation

Preparing Runway Profile 8 40x40:

1. Saw the profile to the desired length.
2. If using Castor Rail 8 Caps 40x40, remember to allow for the 4 mm thickness of these caps. When using Castor Rail 8 Caps 40x40, tap four M4 threads into the screw channels of each Runway Profile (Figure 1).
3. Next, push the slides with adjusting screws but without the slide connecting plate into the Runway Profile (Figure 2).
4. Fit the Limit Stops with the screws, as shown in Figure 2:
   - Secure the Limit Stop in Runway Profile 8 40x40 using the grub screw with tip M6x24 and inserted safety nut M6.
   - The clamping force of the Limit Stop is variable and can be adjusted via a Hexagon Socket Head Cap Screw M6x12 and inserted nut M6.

Insert the Limit Stops into the correct position in the Runway Profile before closing the assembly. The Limit Stops are secured in place and the clamping force adjusted after the sliding door has been installed (Figure 3).

5. If using Castor Rail 8 Caps 40x40, install them at this point.
6. The next step involves connecting the Runway Profile with the support structure.

Installation sequence on sliding door:

1. If you wish to cover the gap in the slide hanger, saw a Profile W M40x25x2 to match the width of the door. Profile W M40x25x2 also needs to be processed to suit the bore grids of the slide connecting plate (Figure 4).

The “open” side of the connecting plate must not be enclosed by this cover profile if the door is still to be slotted into place. In this case, the height must be adjusted before the gap covering is fitted (see point 5).

If the door with installed slide is to be inserted from the side into Runway Profile 8 40x40, the “open” side of the connecting plate is covered by the cover profile and the height adjustment system remains accessible.

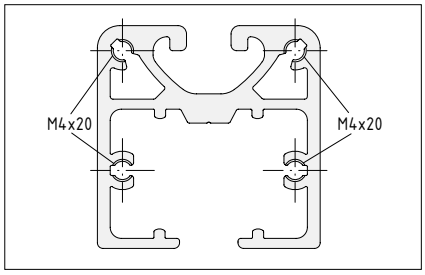
When positioning the slide cap and processing the cover profile, ensure that sufficient space is left in the Runway Profile for the Limit Stops (Figure 3/4).

2. The various angled bores in the slide connecting plate used for fastening to the door frame structure enable a wide adjustment range for the hanger for door frames made from Profiles 6 or 8 (Figure 5).
3. Screw the slide connecting plate and the cover profile (if you wish to cover the gap) to the upper/lower side of the profile
4. Slot the sliding door onto the adjusting screws of the slide.
5. The height of the sliding door can be adjusted using the adjusting screws. To do this, you may need to remove the door in order to adjust the adjusting screws in the slide. The maximum adjusting range is 3 mm (Figure 5).
6. Fix the height adjustment by securing the flat nuts 13 A/F (Figure 2).
7. You can now position the Limit Stops as described above and adjust their holding force (Figure 3).
8. Connecting a lower door guide: Another Runway Profile (or a suitable castor in one of the profile grooves) can be used for this purpose.

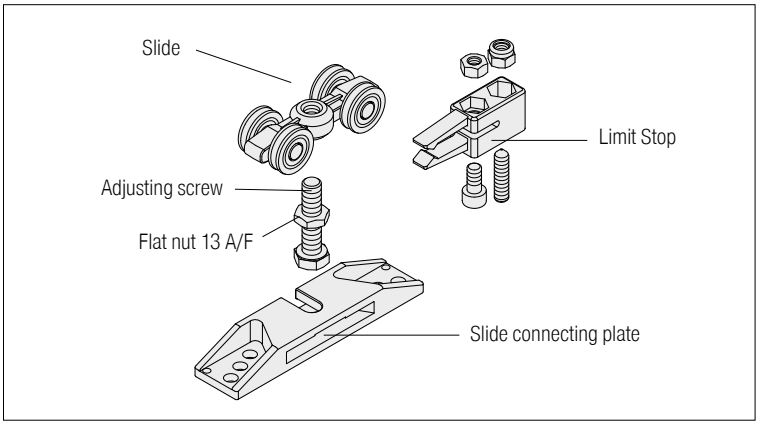


The lower part of the door must be guided.

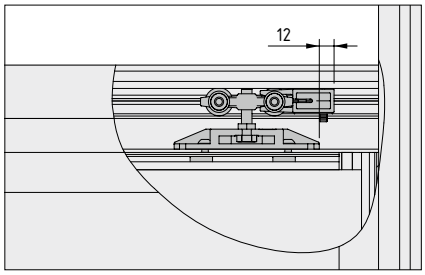
9. Test the sliding door to check that the Limit Stops and any security limit switches / locks are working.



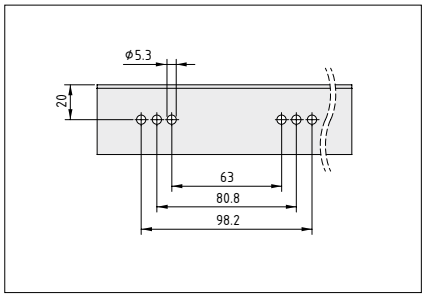
(Figure 1)

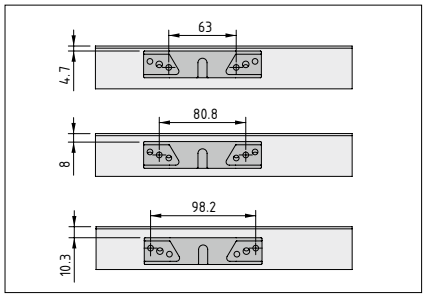


(Figure 2)

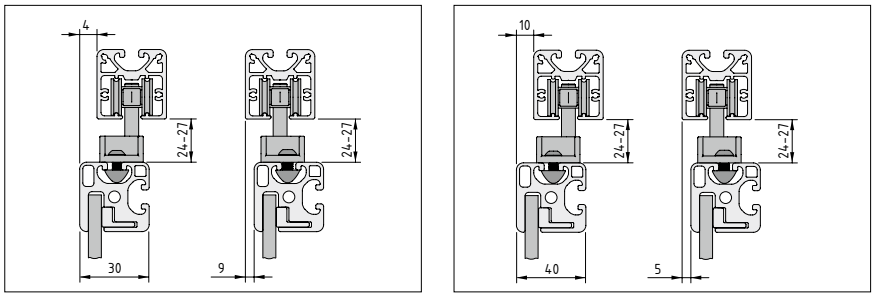


(Figure 3)





(Figure 4)



(Figure 5)

Maintenance

In principle, there are no maintenance requirements associated with the Runway Slide Set. It is advisable to perform a weekly visual inspection.

The slide must be replaced if it becomes difficult to move, starts to make unusual noises or starts to show significant signs of wear.

Product development and documentation

A process of continuous product development ensures that products from item Industrietechnik GmbH always exhibit a high standard of innovation. Consequently, there could be inconsistencies between this guide and the product you have acquired. item Industrietechnik GmbH can also not exclude the possibility of errors.

We therefore ask for your understanding that the information, illustrations and descriptions provided here cannot constitute an entitlement to any claims. You can find the latest version of this guide at www.item24.com.

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