STAGEDEX

STAGEDEX

Stage deck

User manual

Original instructions

DN00185 Issue 1
January 2025

Area Four Industries

© 2025 Prolyte BV.

Manufacturer:

Area Four Industries Česko s.r.o.

Spindlerova 286

413 01 Roudnice nad Labem

Czech Republic

T +420 416 810 800

sales@prolyte.com

We have made every effort to ensure the accuracy of this manual. No liability will be accepted for errors. We reserve the right to change or alter our products or manuals without prior notice.

No part of this manual may be reproduced in any form or by any means without prior written permission.

If you have a warranty claim, malfunction or spare part inquiry, contact your point of sale or the manufacturer.

If you have comments or improvement ideas for this document, please contact us at the e-mail address on the back cover. All comments and ideas will be carefully considered in the future development of the product or this document.

 © 2025 Prolyte BV.

STAGEDEX 4

Contents

© 2025 Prolyte BV.

Change history

Issue	Date	Changes
1	January 2025	First issue.

 © 2025 Prolyte BV.

1 Introduction

This manual is intended for users of the StageDex products.

1.1 About this product

Stage decks are modular units with different types of top surfaces, as required, and are used as platforms or stages for small to mid-sized live events and performances.

The StageDex range offers three deck series variants. These are glued into the aluminium profile frame and are called infills:

- TopLine deck with birch plywood infill covered with non-slip hexagrip
- BasicLine deck with birch plywood infill
- BasicLine deck with acrylate infill

1.2 Related information

For more information on the StageDex products, see https://www.prolyte.com/products/portable-stages/stagedex.

1.3 About this manual

Before working with StageDex products, read this manual carefully and pay attention to the information provided. Use this manual to familiarise yourself with the products, their proper use and the safety regulations.

This manual assumes that you have been trained, or work under the control of a skilled person who has been trained, in safety and assembly.

1.3.1 Safety conventions

DANGER

Indicates a hazardous situation which, if not avoided, will result in death or serious injury. This signal word is limited to the most extreme situations.

WARNING

Indicates a hazardous situation which, if not avoided, could result in death or serious injury.

CAUTION

Indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

NOTICE

Indicates information that is considered important but which is not hazard-related.

1.4 Terminology

Term	Definition
Adjustable leg	An aluminium tube leg with an adjustable foot.
Allen key	An L-shaped metal bar with a hexagonal head at each end, used to turn bolts and screws having hexagonal sockets.
Equipotential bonding	Joining together metalwork that is or may be earthed so that it is at the same potential (i.e. voltage) everywhere.

Term	Definition
Guardrail / handrail	A rail that is designed to be grasped by the hand to provide stability or support; a heavy-duty guardrail has vertical bars to give extra protection.
Identification sticker	A sticker on the product containing several items of information about the product.
User	A person or a company who or which assembles or uses StageDex products.

1.5 Overview

1.5.1 StageDex with standard legs (TopLine and BasicLine)

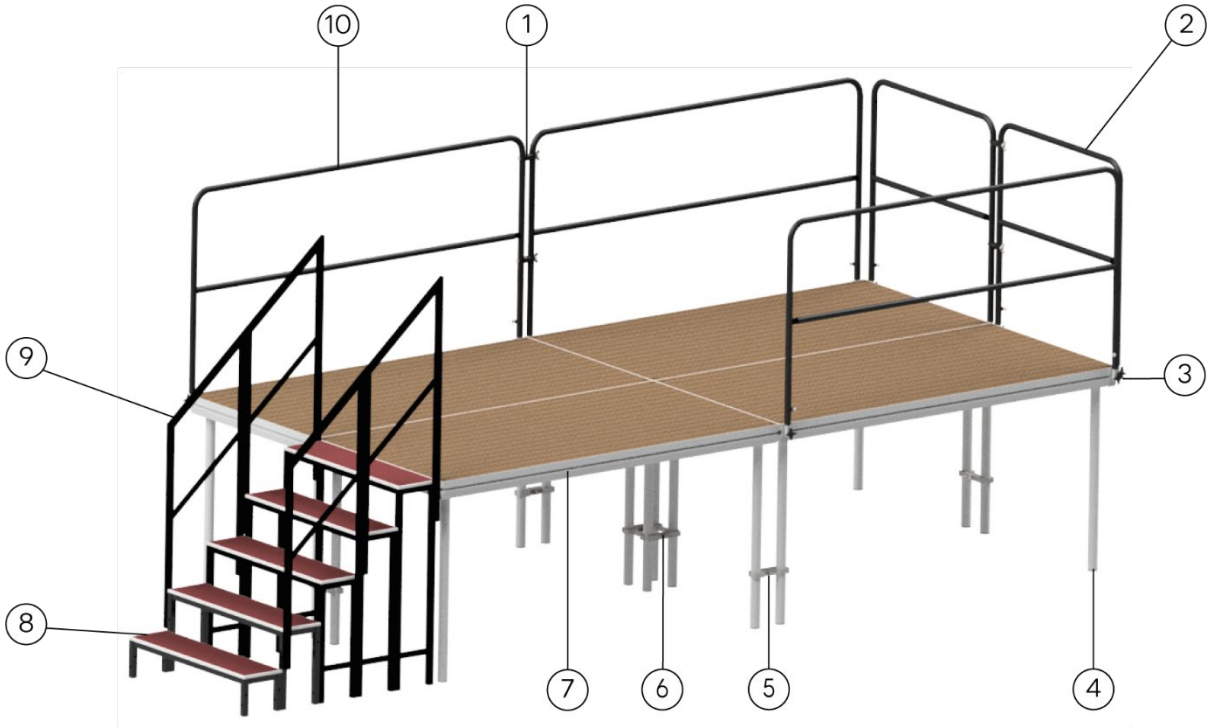

Figure 1: Example of a stage assembly

1	Guardrail connector	6	Connector for 4 legs
2	Guardrail 1 m (3.28 ft)	7	Deck
3	Guardrail adapter	8	Modular stairs
4	Leg	9	Stair railing
5	Connector for 2 legs	10	Guardrail 2 m (6.56 ft)

© 2025 Prolyte BV.

1.5.2 StageDex surfaces

TopLine – birch plywood with hexagrip

BasicLine – birch plywood (unfinished / clear varnish / black coated), acrylate (transparent / frosted)

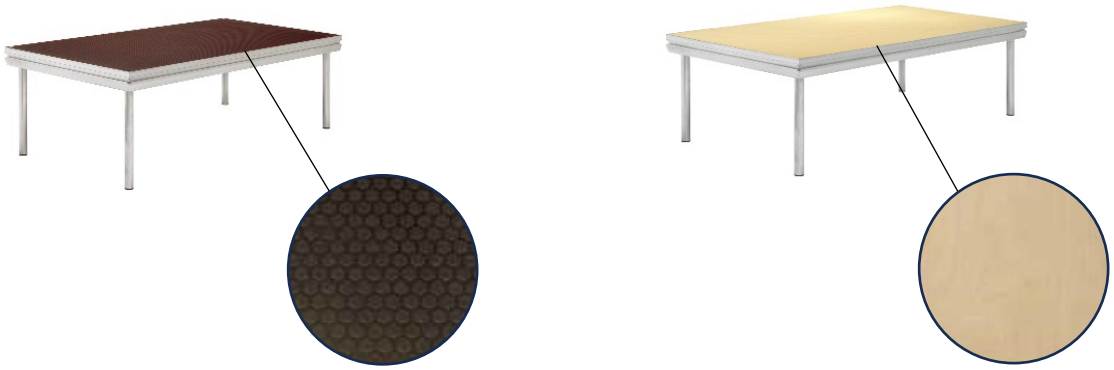

Figure 2: Various StageDex surfaces

1.6 Standards

- DIN EN 1991-1-1, Eurocode 1: Actions on structures - Part 1-1: General actions - Densities, self-weight, imposed loads for buildings
- DIN EN 1993, Eurocode 3: Design of steel structures
- DIN EN 1999, Eurocode 9: Design of aluminium structures
- DIN EN 13814 Fairground and amusement park machinery and structures
- EN 17736 Entertainment technology - Specifications for design and manufacture of aluminium stage decks and frames

⚠ WARNING

Do not mix structural data from different standards without knowing their respective safety principle.

2 Safety

NOTICE

Read these safety texts carefully before working with the product.

NOTICE

Make sure manuals are available at all times for all users and employees.

NOTICE

It is the sole responsibility of the owner or provider to check with the local authorities whether the legislation used by PROLYTE is acceptable in the country of use.

⚠ WARNING

Do not use damaged or malfunctioning parts.

2.1 Electrical safety

2.1.1 Equipotential bonding

WARNING

ELECTRICAL HAZARD

StageDex deck systems could develop dangerous touch voltages if an electrical fault is incorporated into a common potential equalisation system. This applies to all elements made of electroconductive material that have equipment placed on or attached to them, or across wire and cable runs that, if damaged, could make electrical contact with metal parts. Such contact can be made with clips, pipe clamps, screw joints or when using special single-pole locking connectors.

It is extremely important to earth the StageDex decks because the audience and installers very often come into direct contact with the stage when the equipment assembled on it is electrically charged.

2.2 Personal protective equipment

For health and safety reasons, people assembling, disassembling, transporting or maintaining StageDex products should wear adequate personal protective equipment such as, but not limited to, protective gloves, hard hats and safety shoes.

Comply with your local regulations for the maximum weight allowed per person when carrying or moving StageDex product elements.

Artists, performers or anyone who has to be on the stage or within 500 mm (19.7 in) of the stage deck should be instructed and informed about correct usage and possible dangers before use.

If an accident or malfunction occurs, the stage should be marked, taken out of service and inspected by a qualified person in order to establish its structural integrity for continued use. You should label the stage accordingly and keep records of the identification numbers and photos.

Examples of accidents, incidents or malfunctions are:

- Dropping StageDex product elements onto the floor from a height
- The deck has been assembled with fewer than the regular number of legs
- StageDex product elements have been subjected to shock loads

WARNING

PERSONAL INJURY HAZARD

Always wear hard hats, safety shoes and protective gloves when moving, assembling, disassembling or transporting product elements.

2.3 Limitations of use

TopLine and BasicLine decks can be used to carry loads up to 750 kg/m^2 (153.6 psf). BasicLine decks with an acrylate infill can carry loads up to 500 kg/m^2 (102.4 psf).

The maximum allowable load depends on the type of legs, the materials used and the height of the deck. The horizontal load for BasicLine and TopLine is 5% of the maximum vertical load.

2.3.1 Guardrail load capacity – restricted use

For restricted use, including use as a working platform (non-public access), a guardrail with a minimum horizontal load capacity of 30 kg/m (20.1 lb/ft) is sufficient.

 © 2025 Prolyte BV.

2.3.2 Guardrail load capacity – general public access

For general public access, a guardrail with a minimum horizontal load capacity of 100 kg/m (67.1 lb/ft) in the direction away from the stage and 50 kg/m (33.5 lb/ft) in the direction towards the stage is required.

3 Transport, handling and storage

Handle StageDex products with care. Do not drop them or drag them around. Prevent damage caused by sharp edges such as the forks of a forklift.

Dedicated dollies (see Section 7.11) can be a highly effective means of transportation and storage, while providing StageDex decks with some extra protection.

Make sure that StageDex decks cannot move or shake during transport. The abrasive motion of moving or shaking can lead to severe damage.

⚠ CAUTION

PERSONAL INJURY HAZARD

Vertical transportation or storage of StageDex decks can be hazardous due to the products falling over.

⚠ WARNING

PERSONAL INJURY HAZARD

Always wear hard hats, safety shoes and protective gloves when moving, assembling, disassembling or transporting product elements.

4 Identification

StageDex products can be recognised by identification stickers which are attached to all products.

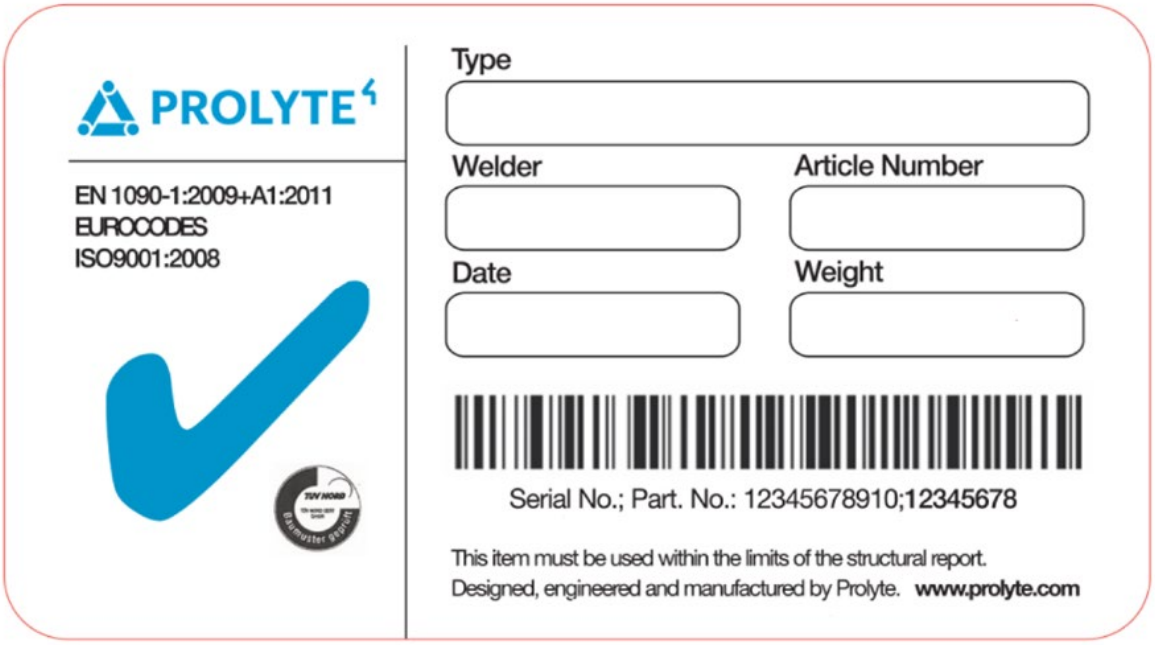

Figure 3: Example of a StageDex identification sticker

⚠ CAUTION

Make sure only StageDex original components are used. For more information, contact your distributor or the manufacturer.

5 Technical specifications and allowable loads

5.1 Technical specifications of decks

Series of deck	TopLine	BasicLine plywood	BasicLine acrylate
Load capacity	750 kg/m² (153.6 psf)		500 kg/m² (102.4 psf)
Use	Indoor/outdoor	Indoor	Indoor/outdoor
Frame	Aluminium (EN AW 6063 T6)		
Deck dimensions (standard deck)	2000x1000 mm (78.74x39.37 in)		
Weight (standard deck)	35.6 kg (78.5 lbs)		50 kg (110.2 lbs)
Profile height	90 mm (3.54 in)		
Leg form	Round/square		
Infill material	Birch plywood		Acrylate
Infill surface	Flat/non-slip	Flat	
Infill thickness	15 mm (0.59 in)		

5.2 Technical specifications of legs

Leg type	Standard	Adjustable	Telescopic	With castor
Form	Round tube			
Tube Ø	48x3 mm (1.89x0.12 in)		Inner tube: 48x3 mm (1.89x0.12 in) Outer tube: 60x5 mm (2.36x0.20 in)	48x3 mm (1.89x0.12 in)
Material	Aluminium	Aluminium with steel spindle	Aluminium	
Available lengths	200–1000 mm (7.87–39.37 in)		450–1400 mm (17.72–55.12 in)	300–1000 mm (11.81–39.37 in)
Leg ending	Plastic cap insert	Adjustable foot	Rubber cap	Castor / castor with brake

6 StageDex legs

4 different leg types are available for the StageDex decks: standard, adjustable and telescopic legs as well as legs with castors. All of the leg types are assembled as described in Section 8.2. Besides these legs with round tubes, the leg pocket beneath the decks can also accommodate square legs with dimensions of 40x40 mm (1.57x1.57 in).

6.1 Standard legs

The standard StageDex legs are made of a round aluminium tube with dimensions of 48x3 mm (1.89x0.12 in). The legs are available in heights of 200–1000 mm (7.87–39.37 in).

 © 2025 Prolyte BV.

6.2 Adjustable legs

The adjustable StageDex legs are made of a round aluminium tube with dimensions of 48x3 mm (1.89x0.12 in) with adjustable feet. The legs are available in heights of 200–1000 mm (7.87–39.37 in).

The height of the legs is adjusted by turning the bottom nut. A spanner is needed to do this.

6.3 Telescopic legs

The telescopic StageDex legs are made of aluminium with dimensions of 48x3 mm (1.89x0.12 in) for the inner tube and 60x5 mm (2.36x0.20 in) for the outer tube. The legs are available in heights of 450–600 mm (17.72–23.62 in), 600–900 mm (23.62–35.43 in) and 900–1400 mm (35.43–55.12 in).

M10 Allen screws are used to release the legs and lock them in position. An optional M10x25-mm (0.98-in) crank handle can be used instead of the screws.

A built-in tape measure is available on each leg for easy mounting and to indicate the total length of the leg and safe operating areas.

To extend the legs, proceed as follows:
1. Release the two M10 Allen screws or the crank handles.
2. Extend the leg to its required length.
3. Lock the leg in position by tightening both screws or crank handles to guarantee the optimum grip of the telescopic mechanism.

The same procedure is used in reverse order to retract the legs.

6.4 Legs with castor

The StageDex legs with castor are made of a round aluminium tube with dimensions of 48x3 mm (1.89x0.12 in) and are available with or without a brake. The legs are available in heights of 300–1000 mm (11.81–39.37 in). The legs are used for rolling risers and have a maximum allowable load of 160 kg per leg.

7 Approved accessories

For a complete overview of the approved accessories, see our brochures or https://www.prolyte.com/products/portable-stages/stagedex-accessories.

WARNING

The use of incorrect accessories can lead to personal injuries as well as severe damage and the failure of components and structural elements.

7.1 StageDex deck to deck connector SM-ACC-CON-02

You can use the StageDex deck to deck connector to keep your stage floor exactly level and connect the decks.

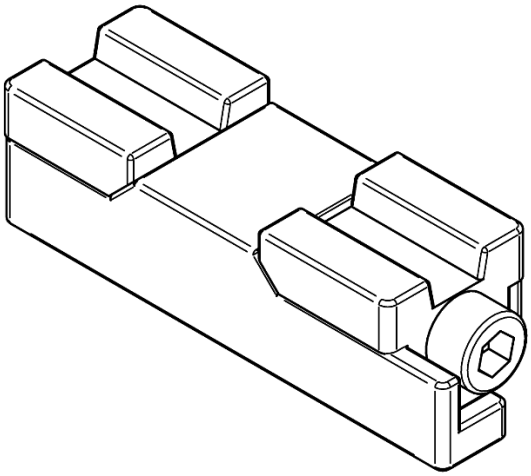

Figure 4: StageDex deck to deck connector

To do this, proceed as follows:

1. Slide the deck connector into the channel in the profile between 2 decks.
2. Tighten the Allen screw using an Allen key. When the Allen screw is tightened, the connector expands and is locked in position.

The StageDex deck to deck connector can be used in combination with the StageDex leveller to offer additional vertical stability. The StageDex deck to deck connector is designed for situations in which the leg to leg clamp cannot be mounted, including the following:

- Low stages: the legs are too short to be able to mount the clamp.
- Angular or curved stages: the legs at the corners of the stage are too far apart for the clamp to be mounted.

7.2 Leg to leg clamp (for 2 and 4 legs) ACC-CLP-01/02

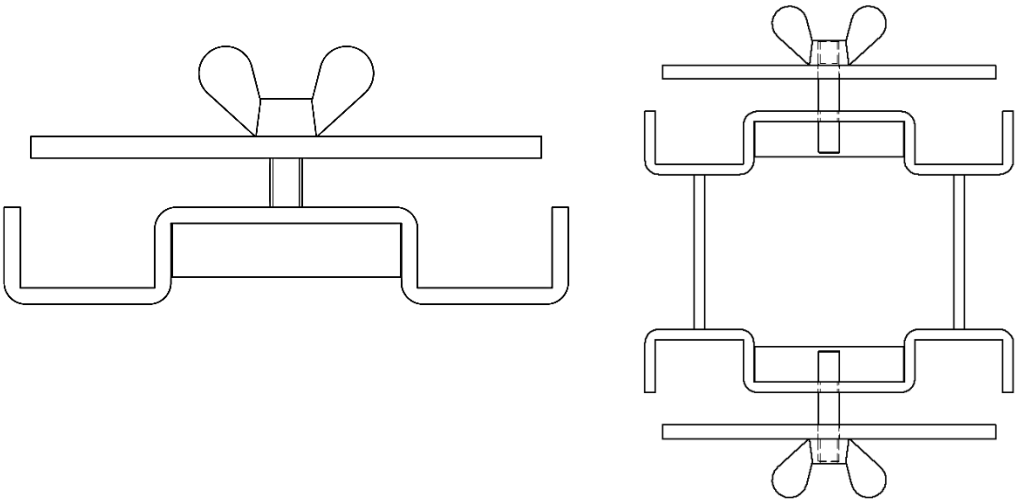

Figure 5: Leg to leg clamps

A leg to leg clamp that connects 2 legs (SM-ACC-CLP-01, on the left in Figure 5) and a leg to leg clamp that connects 4 legs (SM-ACC-CLP-02, on the right in Figure 5) is available. You can mount both clamps easily by positioning the clamp around the legs and tightening the wingnut. No tools are needed.

 © 2025 Prolyte BV.

You can use the clamps to absorb the horizontal forces on the stage floor and make sure that the decks fit closely together.

7.3 Deck to deck clamp SM-ACC-CLP-03

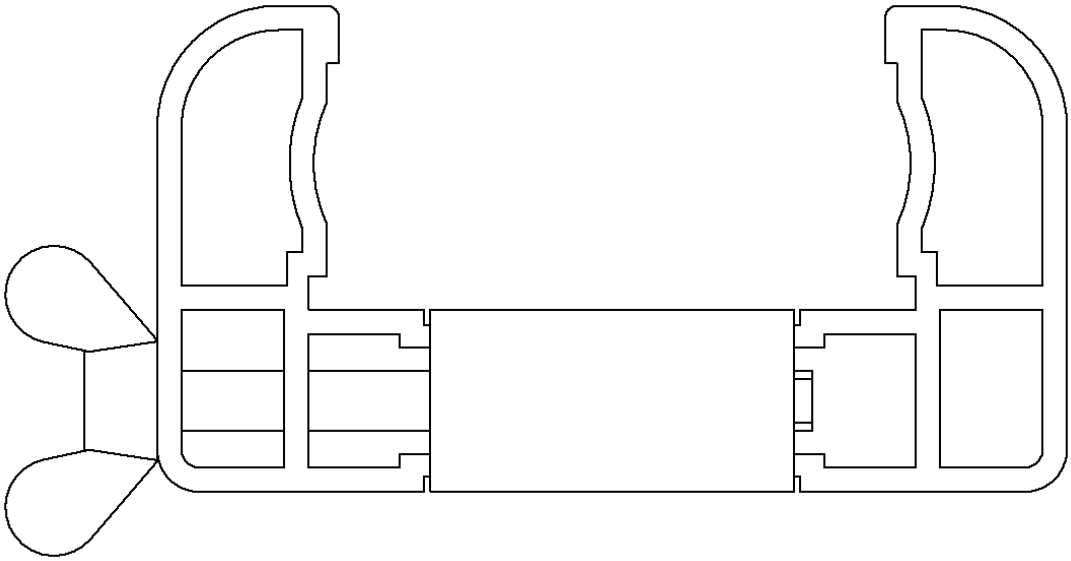

Figure 6: Deck to deck clamp

Your fully-assembled decks can be firmly connected to each other using this clamp.

To do this, proceed as follows:

1. Position the clamp around the side profiles of the decks and tighten the wingnut. No tools are needed.

This prevents your stage floor from moving vertically and absorbs the horizontal load applied to the decks.

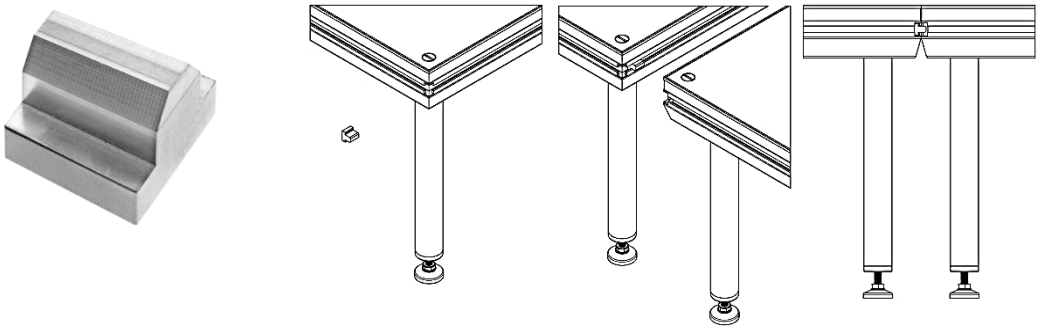

Figure 7: StageDex leveller

7.4 StageDex leveller SM-ACC-CON-01

You can use the StageDex leveller to precisely level your stage system and prevent vertical movement between the decks.
To do this, proceed as follows:

1. Slide the leveller into the channel in the side profile of the decks. No tools are needed.

When the adjacent deck has been positioned, the StageDex leveller makes sure that both decks remain at precisely the same height. The levellers are available in several lengths, as required.

7.5 EasyRail guardrail adapter 26 mm (1.02 in) SM-RAIL-ATT-04

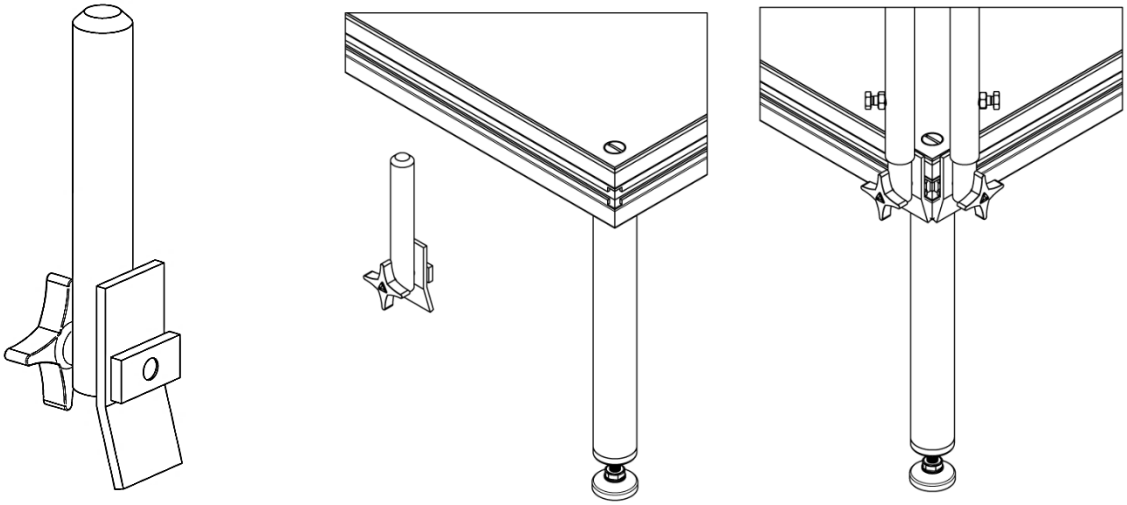

Figure 8: EasyRail guardrail adapter

You can use the guardrail adapter to attach a guardrail to the StageDex decks.

To do this, proceed as follows:

1. Slide the metal bar at the rear of the adapter into the channel in the profile of the decks.
2. Turn the star-shaped knob to secure the adapter.
3. You can then place the guardrail onto the spigot and secure it.

7.6 EasyRail 100 kg (220 lbs) guardrail spigot SM-RAIL-ATT-12/SM-RAIL-ATT-09

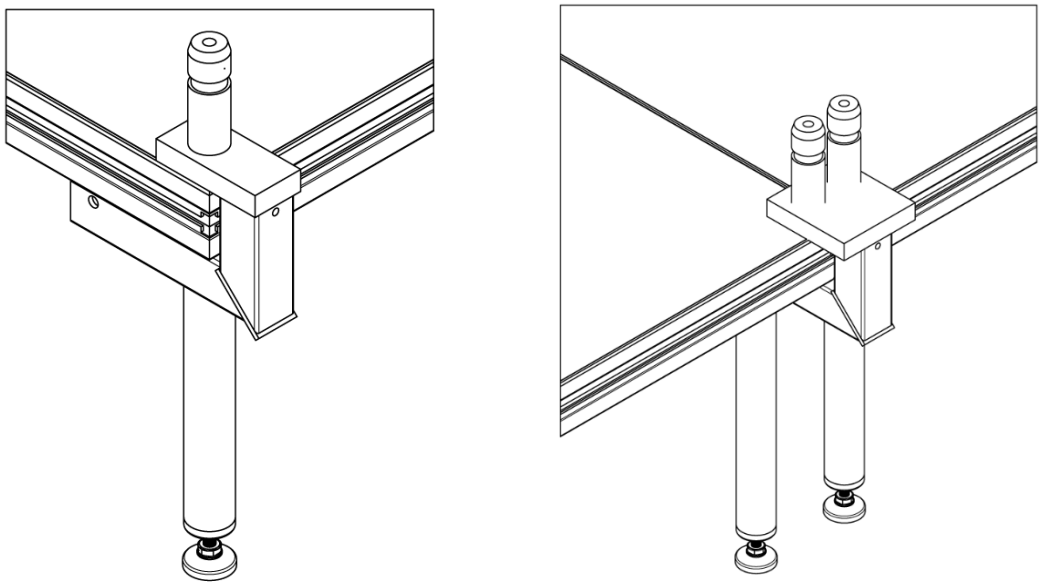

Figure 9: EasyRail 100 kg (220 lbs) guardrail spigot

These spigots are used for connecting the heavy-duty guardrail. The spigots are connected to the deck using an M12x180-mm (7.09-in) bolt through the spigot.

 © 2025 Prolyte BV.

7.7 EasyRail 100 kg (220 lbs) guardrail adapter SM-RAIL-ATT-08/SM-RAIL-ATT-02

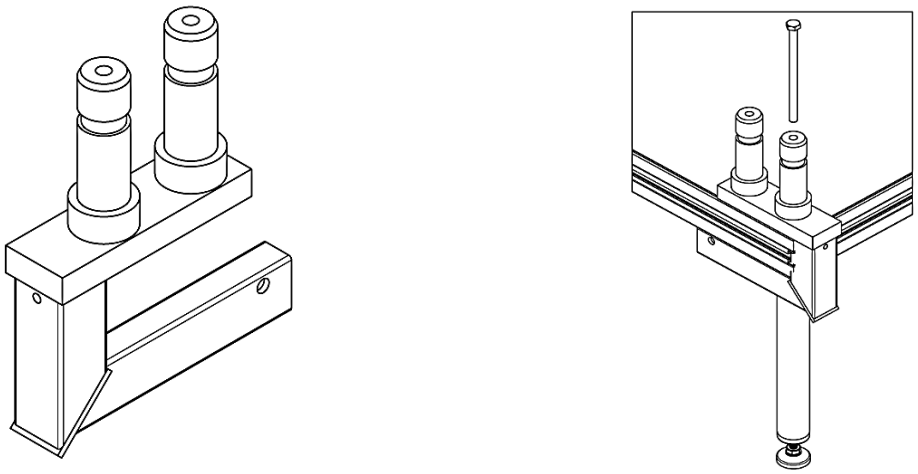

Figure 10: EasyRail 100 kg (220 lbs) guardrail adapter

You can use this adapter to mount a heavy-duty guardrail on the deck. The spigot has an outer diameter of 40 mm (1.57 in).

To do this, proceed as follows:
1. Fasten the adapter to the deck using an M12x180-mm (7.09-in) bolt through the spigot.
2. You can bolt a second spigot to the adapter to provide a connection for a corner rail.
3. Position the heavy-duty guardrail as needed and lock it in place.

7.8 EasyRail guardrail spigot 26 mm (1.02 in) SM-RAIL-ATT-01

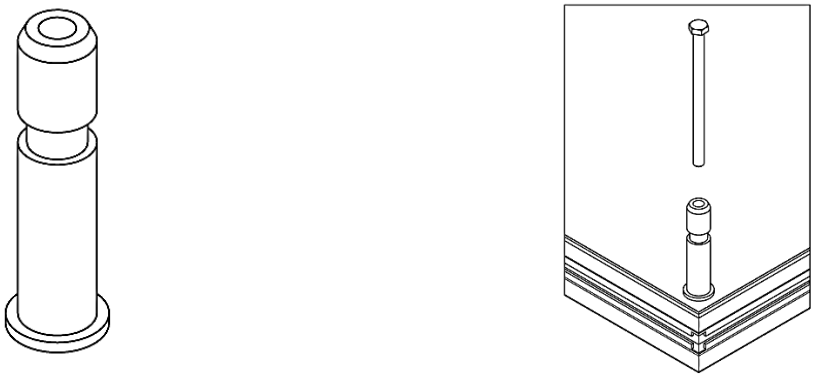

Figure 11: EasyRail guardrail spigot

You can use this spigot to mount a light-duty guardrail on the deck.

To do this, proceed as follows:
1. Bolt the spigot to the deck using the pre-drilled hole in the deck.
2. Position the light-duty guardrail as needed and lock it in place.

7.9 EasyRail guardrails

You can easily attach EasyRail guardrails to the decks as described in Sections 7.5 to 7.8. This allows you to assemble the guardrails after the decks have been built, because they are independent of the sides or the underlying structures of the stage.

For the BasicLine decks, StageDex offers special adapters for the spigots that slide into the side profiles of the decks (see Section 7.5). The EasyRail guardrails are available in various lengths, as required, and in two different versions, both of which comply with the applicable standards.

© 2025 Prolyte BV.

7.9.1 EasyRail 30 kg/m (20.15 lbs/ft)

The light-duty version of the EasyRail guardrails can resist a horizontal load of 30 to 60 kg/m (20.15 to 40.31 lbs/ft). It can be used for stages or areas with no public access.

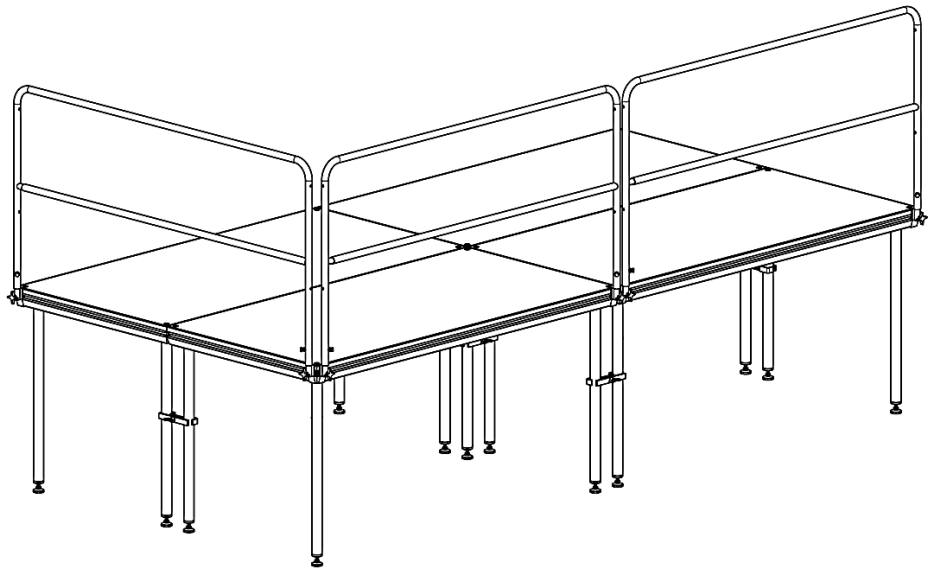

Figure 12: Light-duty EasyRail

You can connect guardrails to one another using the available connectors.

To do this, proceed as follows:

1. Insert the bolt into the hole as shown in the figures below and tighten the wingnut.

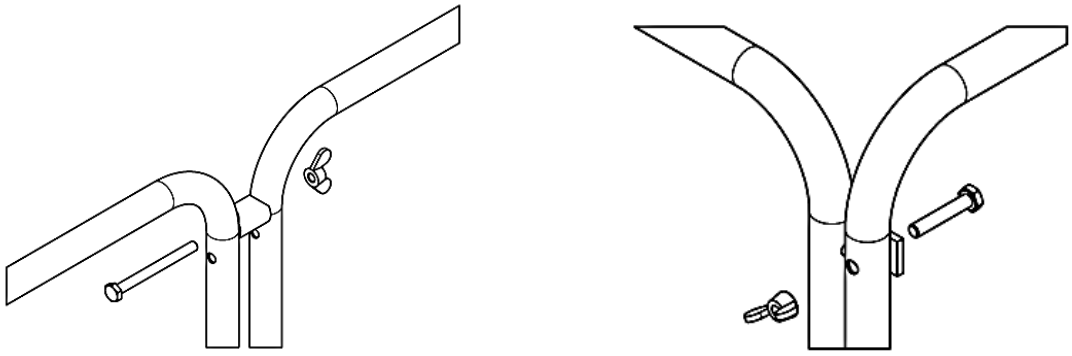

Figure 13: EasyRail connectors

7.9.2 EasyRail 100 kg/m (67.19 lbs/ft)

The heavy-duty version of the EasyRail guardrails can resist a horizontal load of 100 to 200 kg/m (67.19 to 134.39 lbs/ft). This version can also be used for decks with public access, as it complies with the applicable regulations.

 © 2025 Prolyte BV.

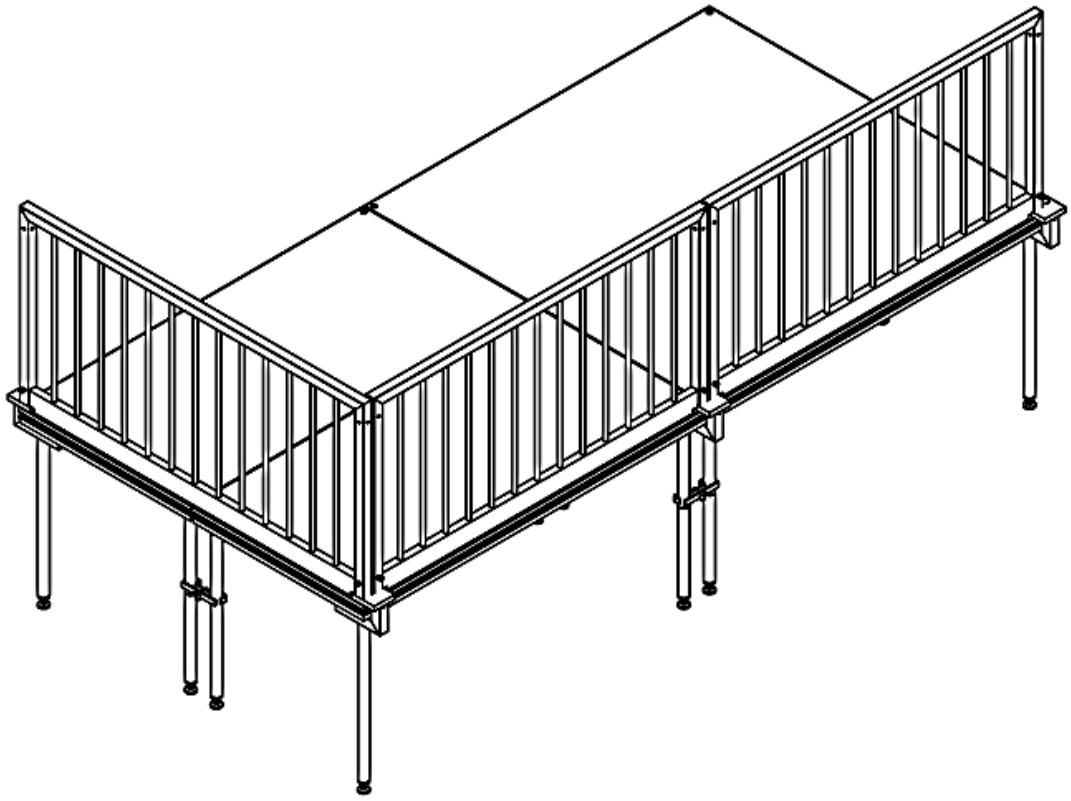

Figure 14: Heavy-duty EasyRail

The heavy-duty guardrails can only be used on the TopLine decks, as only these have pre-drilled holes at their corners. The spigots needed to mount the guardrails can be bolted to the deck through the pre-drilled hole at the corner using an M12 bolt.

You can connect the guardrail elements to one another using an M10 bolt, a wingnut and a washer. The connecting holes are pre-drilled in the vertical end sections of the guardrails.

7.10 Stairs

7.10.1 Adjustable stairs

The adjustable stairs consist of separate units that can be connected together to create a staircase with a maximum height of up to 3.2 m (10.49 feet). The basic element has 6 steps; the upper step aligns with the stage floor.

You can connect the basic element to the stage using a profile that is bolted to the stage with a T-head bolt (M10x40 mm (1.57 in)). The T-head bolt is inserted into the channel of the StageDex profile.

You can extend the basic element by connecting extra step units to give the required height. These extra step units are available with 1 to 5 steps. You can connect them to the basic element using the standard CCS7 coupling system.

You can mount stair railings to complete the staircase. The stair railings can be combined using three parts:

- SM-STAIR-520, the adjustable basic element, which you can couple to cover the full height of your staircase
- SM-STAIR-521, the rounded end element
- SM-STAIR-522, the rectangular end element, to which you can couple another railing

© 2025 Prolyte BV.

Mount the railing on the upper tube of the staircase using the standard spigot (SM-RAIL-ATT-01, see Section 7.8), which is bolted to the tube using an M12x200-mm (7.87-in) bolt.

7.10.2 Modular stairs

The modular stairs consist of step units with heights of up to 1 metre (3.28 feet) in 200-mm (7.87-in) stages. You can create stairs up to this maximum height by bolting the step units together. You can also bolt the step units together at both sides to create stairs of different widths.

You can bolt stair railings to the sides of the stairs, but also in between the assembled step units. This enables you to have separate up and down stairs.

The dimensions of the individual stair units are 910×225 mm (35.82x8.86 in). Each step unit has an L-profile at the top on one of its long sides. This allows you to mount the stairs directly against the decks to create an even level for the last step unit. You can connect the stairs directly to the profile channel on the stage using the T-bolts.

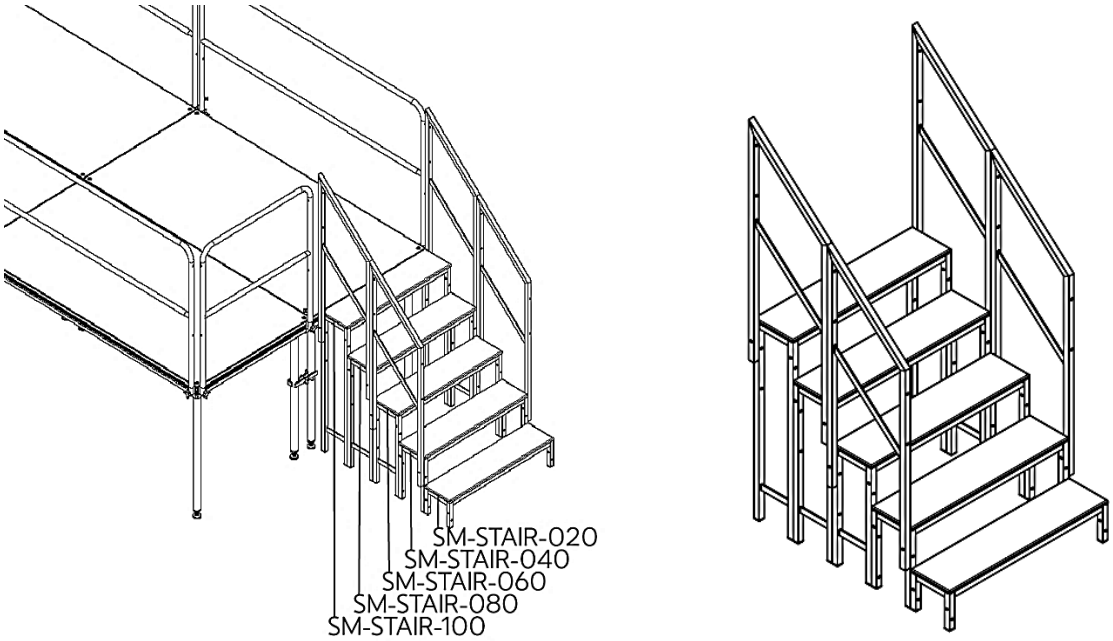

Figure 15: Overview of modular stairs

For additional stability, you can connect the assembled step units to the stage legs using the connector clamp SM-STAIR-CON-01/02.

To do this, proceed as follows:

1. Bolt the connector clamp to the top square profile of the step unit next to the stage.
2. Fasten the clamps around the stage legs. The step unit is fastened to the stage.

You can use connector clamp SM-STAIR-CON-01 (1000 mm (39.37 in) wide) for single step unit assemblies and connector clamp SM-STAIR-CON-02 (2000 mm (78.74) wide) for double step unit assemblies.

 © 2025 Prolyte BV.

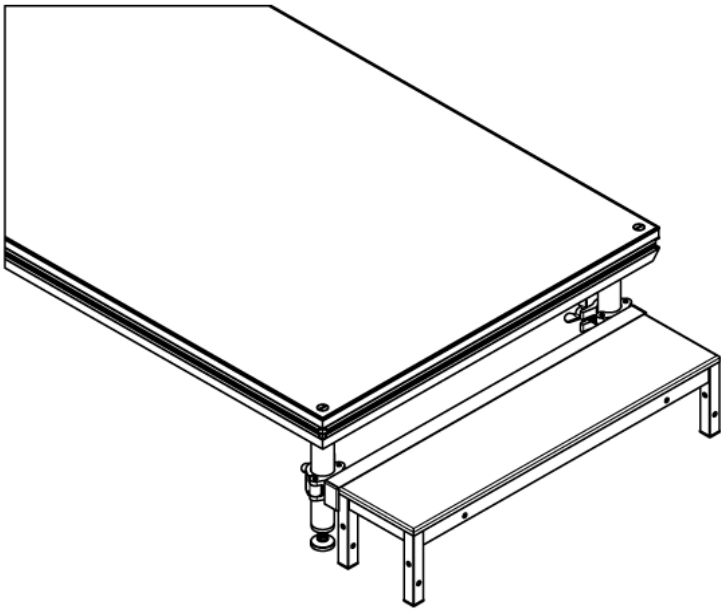

Figure 16: Connector clamp for modular stairs

7.11 Dollies

Two dollies are available for StageDex decks. Both are manufactured with galvanised steel frames.

With dimensions of 2080x1020x1276 mm (81.98x40.16x50.24 in), you can use the larger flatbed dolly to transport 20 decks stacked on top of one another.

You can use the more compact dolly, with dimensions of 2075x600x1191 mm (81.69x23.62x46.89 in), to transport 6 deck elements standing upright.

7.12 Click-on profiles

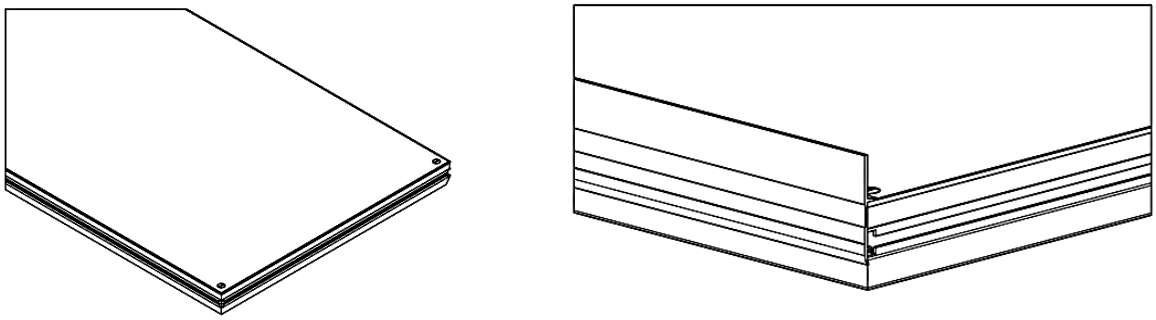

Figure 17: Skirting profile (left) and toe board profile (right)

Two click-on profiles are available: the skirting profile and the toe board profile. Both are available in lengths of 470 mm, 970 mm and 1970 mm (18.50 in, 38.19 in and 77.56 in). They are supplied with a Velcro strip for attaching skirting.

You can attach both profiles to the StageDex deck profile by clicking and locking them into the channel in the profile.

© 2025 Prolyte BV.

7.13 Leg bracket

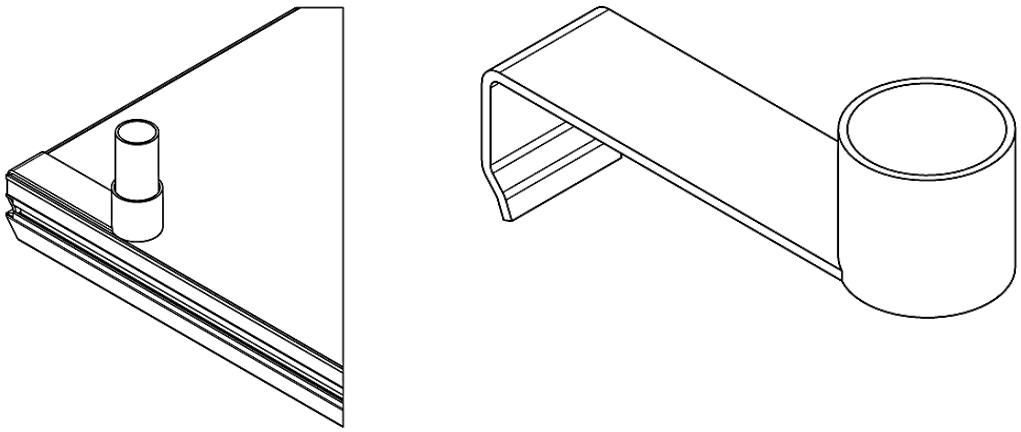

Figure 18: Leg bracket

You can use this steel bracket to position the stage and keep legs in place. You can use it to set up tiered seating or multi-level stages.

You can mount this bracket simply by locking its angled end into the channel in the profile. You can then insert a leg of the higher-level deck element into the round end of the bracket to create your required configuration.

7.14 Coupling profiles

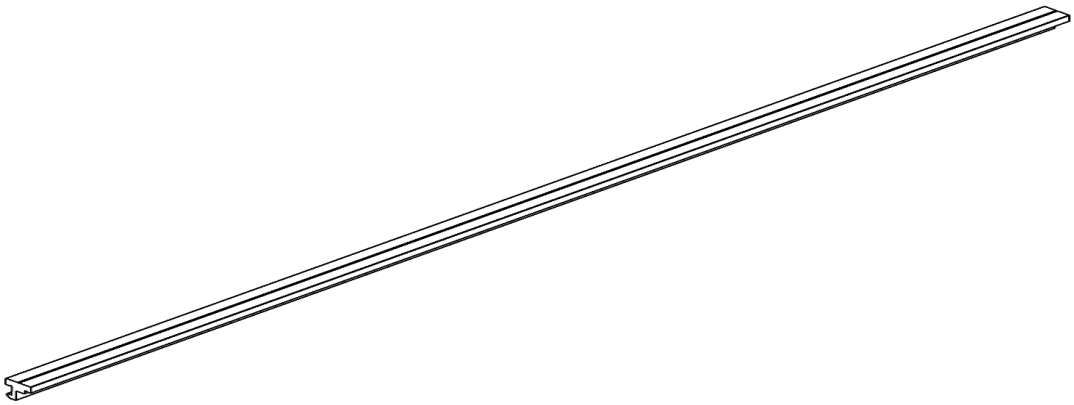

Figure 19: Coupling profile

The aluminium coupling profiles are available in lengths of 150–6000 mm (5.90–236.22 in), as needed. You can use them to connect staging elements together to create a sloping construction with a maximum slope angle of 30 degrees.

To insert the coupling profiles, proceed as follows:

1. Slide the profile into the channel of the deck profile.
2. Then attach the adjoining deck to create a ramp for wheelchairs or a sloping walkway, etc.

8 Assembling StageDex

A competent person or sufficiently instructed personnel under the supervision of a competent person should always assemble StageDex products.

Before assembly, use and disassembly, the competent person is responsible for the following, amongst other tasks:

 © 2025 Prolyte BV.

- Carrying out all of the instructions as described in this manual.
- Instructing the people carrying out assembly and ensuring that all components are attached correctly.

You are strongly advised to show people carrying out assembly how to physically assemble the decks, how to attach legs, guardrails, stairs and other accessories, and which tools to use.

8.1 Required tools

- Allen key (5 mm (0.20 in))
- Spanner (17 mm (0.67 in))
- Spirit or laser level

8.2 Assembling using standard legs

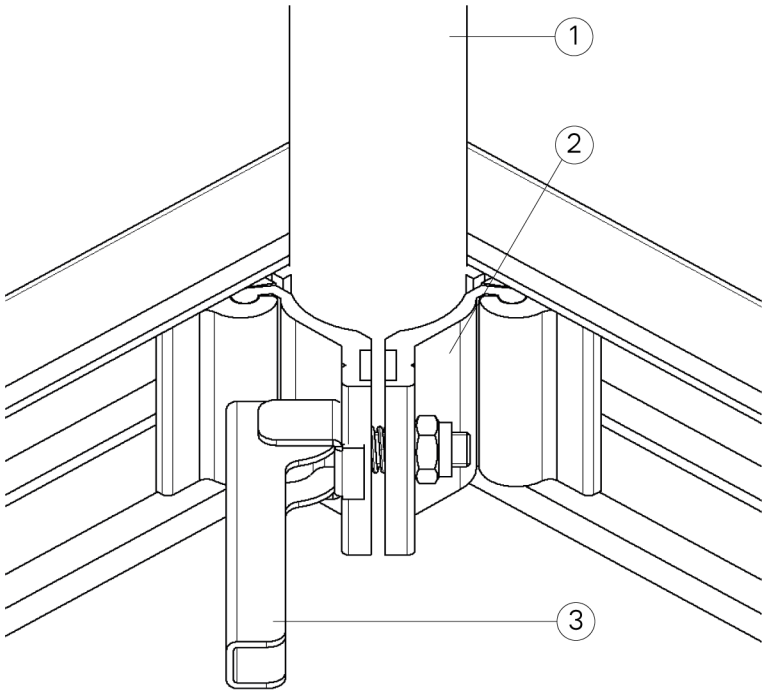

Figure 20: Leg pocket with leg inserted

To do this, proceed as follows:

1. Insert the required leg type (item 1) into the leg pocket (item 2) on the underside of the deck frame.
2. Clamp the leg in place by folding the handle (item 3) to the closed position.
   If necessary, you can adjust the tightness of the handle by tightening or loosening the nut.
3. Repeat this at all 4 corners.
4. Turn the deck over and position it correctly.
5. You can place a spirit or laser level on the deck to ensure that the level is correct.
   If the deck is not level, you can level it by placing a piece of wood beneath one or each leg, if necessary.
   You can level decks fitted with adjustable or telescopic legs by adjusting the feet or extending/retracting the legs as needed.

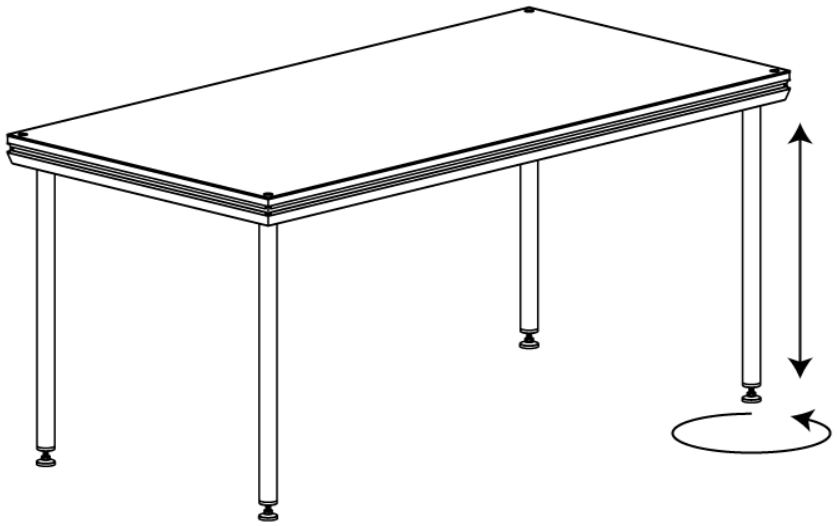

Figure 21: Assembled deck (figure shows adjustable legs)

6. Connect each deck element using one of the following accessories, see Sections 7.1, 7.2 and 7.3.
   a) StageDex deck to deck connector SM-ACC-CON-02. Use 2 connectors per deck – one in each free profile channel at the sides.
   b) Leg to leg clamp SM-ACC-CLP-01. Use 2 clamps per deck. Position them max. 200 mm (7.87 in) beneath the deck.
   c) Deck to deck clamp SM-ACC-CLP-03. Use 2 clamps per deck – one on the short side and one on the long side. Position the clamp in the middle of each side.
7. Repeat this as often as needed to create the stage size that is required.
8. Now connect all necessary accessories such as railings and stairs.

NOTICE

Check all connections and legs as well as the overall stability before loading the stage.

9 Maintenance

It is very important to take care of your product in order to extend its life span.

Keep all products free from all types of dirt, paint and oil. Use warm water and soap to clean parts, and avoid the use of high-pressure cleaners and abrasive cleaning materials. Repairs should only be carried out by the manufacturer, or by designated third parties after communication with and confirmation by the manufacturer.

⚠ WARNING

Do not repair StageDex yourself.

10 Inspection

10.1 Inspection levels

10.1.1 Regular inspection

A competent person must perform regular visual inspections each time prior to use. It is not necessary to keep records. The regular inspection includes a visual inspection for signs of external

 © 2025 Prolyte BV.

damage and wear. If any damage is detected during the visual inspection, a qualified person must perform a detailed inspection based on the criteria described in Section 11.

10.1.2 Periodic inspections

A qualified person must perform periodic visual inspections on behalf of the user based on the criteria described in Section 11, and a record of the inspections must be kept.

10.2 Inspection frequency

10.2.1 Initial inspection

No matter whether the product is new or used when it is first purchased, inspect the StageDex decks based on the criteria described in Section 11. Keep a record of the inspections and identification numbers.

10.2.2 Inspections after accidents, incidents or malfunctions

If the StageDex decks have suffered any accidents, inspect them based on the criteria described in Section 11.

Examples of accidents, incidents or malfunctions are:

- Dropping StageDex on the floor from a height
- StageDex has been subjected to shock loads
- The StageDex deck has been overloaded

10.2.3 StageDex deck in regular and non-regular service

Perform regular inspections each time prior to use and periodic inspections at least once a year.

10.2.4 Permanent installations

Perform periodic inspections on all StageDex decks that are permanently installed in a stationary configuration. A qualified person must determine the frequency of inspections based on the prevailing conditions.

10.3 Records

The owner must keep records of initial and periodic inspections for each StageDex deck. These records should be signed and dated by the person performing the inspections.

11 Discard criteria

If any part of a StageDex deck or an accessory shows any of the following damage, the StageDex deck or the accessory is unfit for further use and must be discarded.

Part	Failure symptoms
Infill	– Damage which penetrates through the water-resistant layer – Tripping hazards with an elevation of more than 2 mm (0.08 in) – Occurrence of splinters
General for all extrusions	– Fractures – Cracks – Holes appearing after the StageDex deck has been brought into use
Main profile	– Permanent deformation of the profile of more than 2 mm (0.08 in), measured over its entire length – Scratches, indentations or signs of abrasion on the surface of the main extrusions that reduce the wall thickness by more than 25% – Corrosion causing loss of material
Leg pocket	– Deformation causing a deviation of the 90° angle between the leg and the deck by more than ±1° – Any missing components of the locking mechanism

© 2025 Prolyte BV.

Part	Failure symptoms
	– Corrosion causing loss of material
Leg	– Permanent deformation of the tube of more than the length divided by 300, measured over its entire length – Scratches, indentations or signs of abrasion on the surface of the tube that reduce the wall thickness by more than 25% or the cross-sectional area by more than 10% – Permanent ovalisation of the round tube by more than 5% of the respective diameter – Corrosion causing loss of material
Stair railing/ guardrail/stairs	– Permanent deformation of the tube of more than the length divided by 300, measured over its entire length – Scratches, indentations or signs of abrasion on the surface of the tube that reduce the wall thickness by more than 25% or the cross-sectional area by more than 10% – Permanent ovalisation of the round tube by more than 5% of the respective diameter – Corrosion causing loss of material
Connectors and adapters	– Deformations that affect simple assembly or necessitate increased force – Corrosion causing loss of material

NOTICE

If in doubt when assessing individual damage, contact the manufacturer.

WARNING

PERSONAL INJURY HAZARD

Self-adjustment of, or damage to, any StageDex product can negatively influence its maximum load capacity and can cause the platform or stage to collapse.

12 Warranty

For a period of 24 months, we undertake to repair any damage attributable to faulty materials or workmanship free of charge provided that the product is forwarded freight paid to our factory or one of the StageDex contract service organisations.

The warranty period begins on the date of delivery, proved by a purchase receipt such as an invoice, a delivery note or a copy of one of these.

The warranty is applicable to new products only.

The warranty does not cover damage due to transport, negligent handling, overload or parts subject to normal wear and tear. Nor does it cover damage resulting from misuse due to non-observance of the instructions in this manual.

The fitting of replacement parts not supplied by us or modifications of our design by third parties also invalidates the warranty.

Warranty repairs do not renew or extend the warranty period.

 © 2025 Prolyte BV.

13 Certificate

TÜV NORD

ZERTIFIKAT
CERTIFICATE

Hiermit wird bescheinigt, dass die Firma / *This certifies that the company*

Prolyte BV
Industriepark 9
93151PA Leek
Niederlande

berechtigt ist das unten genannte Produkt, welches gemäß dem unten genannten Zertifizierungsprogramm bewertet wurde und die Anforderungen der spezifizierten Zertifizierungsgrundlage erfüllt, mit dem abgebildeten Zeichen zu kennzeichnen.
is authorized to provide the product mentioned below, certified according to the certification program mentioned below and in compliance with the requirements of the specified certification fundamentals, with the mark as illustrated.

Fertigungsstätte *Manufacturing plant*	**siehe Anlage 2** *see annex 2*
Beschreibung des Produktes (Details s. Anlage 1) *Description of product* *(Details see Annex 1)*	**Bühnenpodest Typ StageDex** *Stage platform type StageDex*
Geprüft nach *Tested in accordance with*	**EK5/AK1 11-02.1:2016 (M 01/17)** **DIN EN 1991-1-1:2010-12 (EUROCODE 1)** **DIN EN 1993-1-8:2010-12 (EUROCODE 3)** **DIN EN 1999-1-1:2014-03 (EUROCODE 9)**
Zertifizierungsprogramm *Certification program*	**P14.1VA001**

TÜV NORD CERT GmbH Baumuster geprüft

Registrier-Nr. / *Registered No.* 44 780 13002227
Prüfbericht Nr. / *Test Report No.* 3533 3042
Aktenzeichen / *File reference* 8003050665

Gültigkeit / *Validity*
von / *from* 2022-11-15
bis / *until* 2027-11-14

Zertifizierungsstelle der
TÜV NORD CERT GmbH

Essen, 2022-11-15

TÜV NORD CERT GmbH Am TÜV 1 45307 Essen www.tuev-nord-cert.de technology@tuev-nord.de

Bitte beachten Sie auch die umseitigen Hinweise
Please also pay attention to the information stated overleaf

Contact details:
PROLYTE BV.
Industriepark 9
9351PA Leek
The Netherlands
T +31 594 85 15 15
sales@prolyte.com

Area Four Industries

www.prolyte.com