

Product Data Sheet

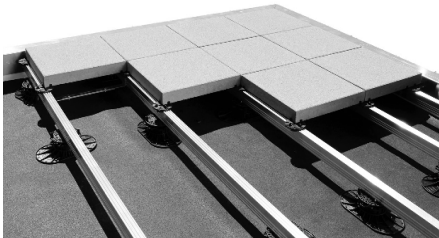
Elefeet® Support Rail System

Order No. 960001– 960012



Modular system consisting of extruded aluminium profiles and special accessories for quick construction of stable substructures for tile and wood coverings in combination with Elefeet® pedestals.

Example of installation



Features

- Larger span allows for reduced number of pedestals.
- The entire substructure is quickly aligned due to disc effect.
- Quick and easy installation of the decking.
- Due to frictional connection of the rail system no stable edging is required on site.
- Varied shapes and angles can be realized.
- Steps or height offsets possible due to modular system.
- Insulation wedges are no obstacle for the edge connection.
- No pre-drilling due to screw groove.
- Chip-free screwing

Technical Data

Elefeet® Support Rail System

The Elefeet® Support Rail System is based on extruded lightweight aluminium profiles, material EN AW 6060 T66, with corresponding galvanised steel connectors, which in combination with Elefeet® pedestals allow for quick installation of a stable terrace substructure. Particularly suitable also for concrete or natural stone paving as well as wood or WPC decking without stable edging all around. The double-profiled groove of the Support Rails ensures that all hardware components are positioned securely, quickly and always flush; the screw groove fixes the screws and ensures that they are screwed in securely. The system is designed for load class Z according to DIN EN 1991-1-1 (balconies, roof terraces, loggias).

The Support Rails are available in several different lengths and in two different heights.

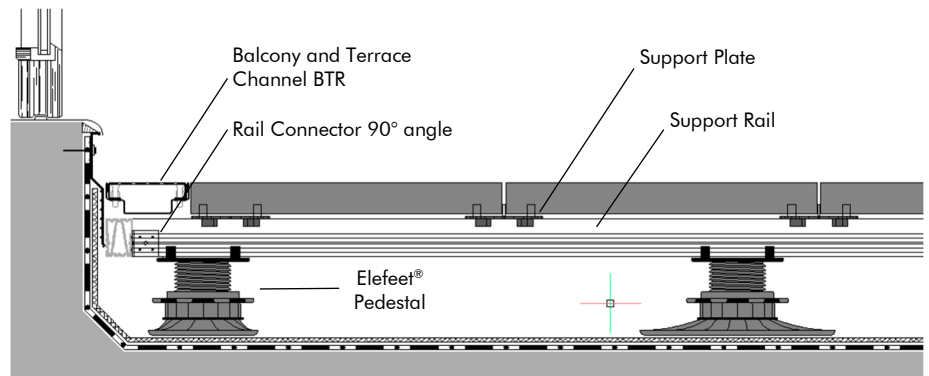
Support Rail	2 m	4 m	6 m
34 x 34 mm	Order No. 960010	Order No. 960011	Order No. 960012
34 x 43 mm	Order No. 960005	Order No. 960006	Order No. 960007

The Support Rails reduce the required quantity of Elefeet® Pedestals, depending on the dimension and centre distance of the rails.

Centre distance of Support Rail	Low Support Rail Pedestal spacing, C/C	High Support Rail Pedestal spacing, C/C
600 mm	600 mm	700 mm
500 mm	600 mm	750 mm
400 mm	600 mm	800 mm
300 mm	600 mm	850 mm

Application Example

“Door Exit with Insulation Wedge”



Specification Suggestion

Terrace decking made of concrete slabs, dimensions mm x mm, delivery and professional installation on Elefeet® Rail System with height adjustable pedestals. Installation according to layout plan with flush continuous joints of approx. 3 mm width, including Elefeet®

Pedestals, accessories and all related work and materials. The elevation height is between mm and mm.

Make: ZinCo Elefeet® Support Rail System
Enquiries: ZinCo GmbH
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Product Data Sheet

Elefeet® Support Rail System - Accessories

Elefeet® Pedestals

made of polypropylene, continuously vertically adjustable, with integrated ca. 3 mm wide joint spacers

Type	Adjustment Range	Order No.
E 27	27 – 39 mm	9660
E 38	38 – 60 mm	9661
E 60	60 – 106 mm	9662
E 106	106 – 196 mm	9663



Extension Piece A 12

to increase the Elefeet®-Types (multiple extension pieces possible), Height ca. 12 mm
Order No. 9664



Extension Piece A 22

to increase the Elefeet®-Types (multiple extension pieces possible), Height ca. 22 mm
Order No. 9665



Extension Piece A 67

to increase the Elefeet®-Types (multiple extension pieces possible), Height ca. 67 mm
Order No. 9666



Spacer Pad

ca. 1 mm, to be installed on the top of the Elefeet® as slip protection
Order No. 9635



Buffer Pad

ca. 3 mm, to be installed on the top of the Elefeet® as support for thin ceramic tiles
Order No. 9636



Installation Instructions

Deckings laid on the Elefeet® Support Rail System do not have to be firmly bordered all around, because the support rails in combination with rail connectors and edge holders form a stable substructure. Two or four screws per connector are sufficient. It is not necessary to pre-drill through the screw groove, but the screw should be placed at right angles to the rail applying pressure (max. tightening torque 6 NM). The punched studs fit exactly into the double groove of the

*also available in stainless steel on request

Rail Connector 90° Angle

for 90° connections rail to rail, with special studs as anti-twist protection, made of galvanized steel*
Order No. 960030



Rail Connector Ground

for 90° connections rail to ground, with special studs as anti-twist protection, made of galvanized steel*
Order No. 960031



Rail Connector Longitudinal Rigid

for lengthwise connections of two rails with special studs as anti-twist protection, made of galvanized steel*
Order No. 960032



Rail Connector Longitudinal Variable

for 0-90° connections rail to rail, with special studs as anti-twist protection, made of galvanized steel*
Order No. 960033



Joint Spacer with Base Plate

leg thickness 3 mm / 5 mm, height ca. 11 mm, four legs, for large sized and thin slabs and tiles
Order No. 9624 / 9623



Adjustment Tool

for height adjustment of the ZinCo Elefeet® Pedestals E 38, E 60 and E 106, hook-shaped, 3 mm sheet steel
Order No. 960047



Edge Holder S-Shaped

for the edging of slab or tile deckings (cantilever 60 mm, upstand 30 mm), with special studs as anti-twist protection, made of galvanized steel*
Order No. 960035



Edge Holder for End of Rail

for the edging of slab or tile deckings with special studs as anti-twist protection, made of galvanized steel*
Order No. 960036



Distance Holder

for the realisation of a centre spacing of 300, 400, 500, or 600 mm with special studs as anti-twist protection, made of galvanized steel*
Order No. 9600-40; -41; -42; -43



Distance Holder Variable

for the realisation of a centre spacing of 350–625 mm, with special studs as anti-twist protection, made of galvanized steel*
Order No. 960045



Support Plate

for slab coverings, to be placed on the support rail, with 3 mm joint spacer, incl. screws and bit
Order No. 960053



Fixing Clamp Elefeet® to Rail

for clipping the rail onto the top of the Elefeet®, tool-free, made of stainless steel
Order No. 960052



profile, thus ensuring secure, fast and flush positioning. The studs also transfer any occurring forces into the rail. For corners with angles other than 90°, the variable connector can easily be bent to the desired angle. We always recommend the high support rail. If this is too high in certain areas, you can switch to the low rail there. It is recommended to secure the outer rows of the support plates by screwing in order to prevent the paving from moving on the rails.