



## Aluminium Trench Bridge Design and Instructions for Use

Temporary bridges are to be provided for trenches in front of building entrances or crosswise to walking direction and in areas where there is a danger of tripping or falling due to uneven or loose surfaces. Appropriately wider or additional temporary bridges are to be agreed in the specifications for footpaths with a high level of traffic and in pedestrian streets and zones.

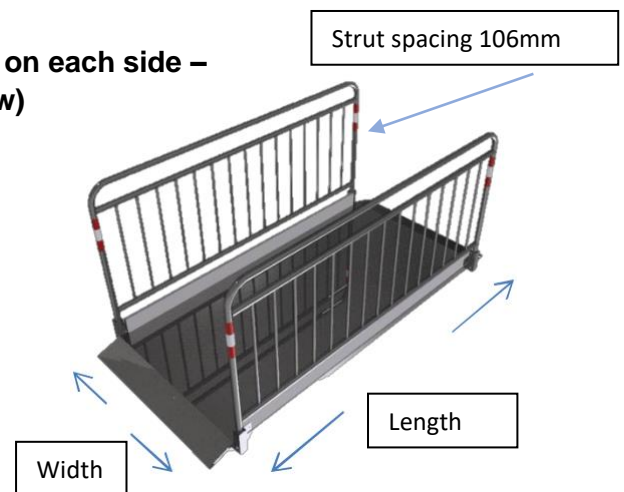
**Warning: Please ensure there is a supporting area of 10 cm on each side – do not support load solely on access ramps (see illus. below)**

### General Information:

All components must be checked visually for damage prior to installation. Damaged parts may not be installed. Complies with technical requirements for safeguarding workplaces and roadworks (Arbeitsstätten- und ZTV-SA-Verordnung)

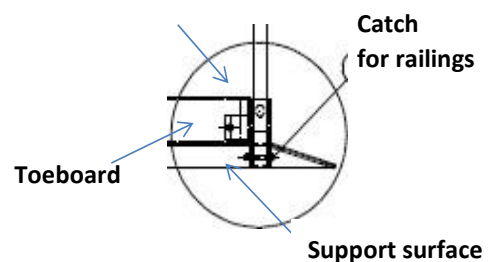
### Technical Data:

- Suitable for cyclists, wheelchair users and the blind.
- Our trench bridges have fold-down side rails (guardrails)  
In accordance with DIN4420, Part1, consisting of:
  - a smooth safety rail, free of burrs and splinters, with a height of 1 m.
  - a toeboard with a height of 250mm.
 The side rails are provided with red-and-white foil (design type 1 per DIN 67 520, part 2) and safety marking.
- Clear width of pedestrian bridge: 1.00m; 1.20m; 1.30m
- The safety floor plate provides a non-slip surface
- Load capacity: 200kg/m<sup>2</sup>



Art. No.	Length:	Width:	Weight:
20270	1.70m	1.00m	54kg
20271	2.20m	1.00m	67kg
20272	2.70m	1.00m	79kg
20273	3.20m	1.00m	92kg
2027212	2.70m	1.20m	100kg
2027312	3.20m	1.20m	120kg
2027413	4.00m	1.30m	300kg
2027513	5.00m	1.30m	360kg
2027613	6.00m	1.30m	430kg
20270-S	1.70m	1.00m	67kg
20271-S	2.20m	1.00m	103kg
20272-S	2.70m	1.00m	123kg
20273-S	3.20m	1.00m	150kg

### Support bracket for stacking



## Application:

The aluminium trench bridge is supplied in a ready-assembly state.  
After unfolding, the bridge is ready for use.  
The bridge must rest on a supporting surface of at least 10 cm on each side of the trench.

## Logistics accessories:

Article:	Art. No.
Storage and transport tie-bar	50117

## Skills:

- Available with optional protective grating
- Foldable railings
- Access ramp to avoid tripping hazard
- Non-slip surface

