

SHORING LADDER

Assembly and instructions for use

Technical data:

Standard version	3 m*
Maximum length	10 m **
Net weight entry + exit	196 kg
Weight of intermediate piece	40 kg

* Available as a 2 m version on request

** 7 intermediate pieces

Note

Before installation and use, the shoring ladder must be checked for proper condition and function of all parts!

Damaged parts must **not** be used!

Assembly of spacers

(depending on the trench depth)

1.



Lower platform

Intermediate piece

Upper platform

The standard version of the sheet pile ladder is 3 m long (tare weight 196 kg)

2.



The length of the shoring ladder can be varied using a screw system. 1 m long intermediate sections (own weight: 40 kg) extend the shoring ladder up to a maximum of 10 m.

3.



The spacers are screwed together using 4 M12 bolts (SW19, strength min. 8.8) with self-locking nuts.

More insights:



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STEWERING**

| Hanging the shoring ladder

1.



Hook in using an excavator. The fall protection system must be closed in the edge areas during this process.

2.



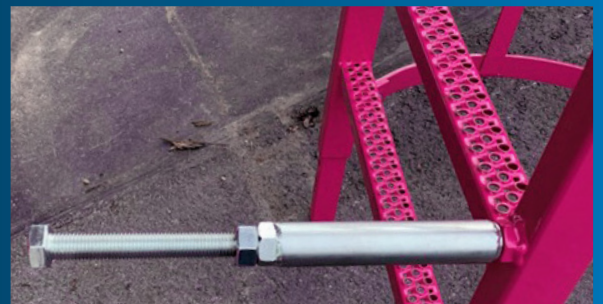
2 anchor points for attaching lifting chains are provided on the upper platform.

3.

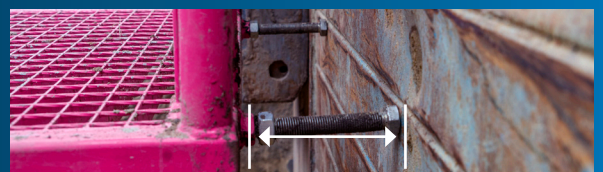


Suspended shoring ladder. The ladder must rest on the entire surface with a positive fit

4.



There are 2 adjusting screws (SW30) on the lower platform and on each intermediate piece of the shoring ladder for vertical alignment.



min. 150 mm

The **minimum** distance to the shoring must be **150 mm** in order to ensure sufficient slip resistance. Depending on requirements, work with or without spacer sleeves.

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| Hanging the shoring ladder

1.



The ladder is secured as tightly as possible around the ladder rail on the landing side using a chain to prevent it from tipping sideways.

2.



Depending on the attachment position, there are 5 eyelets on both sides for attaching the carabiner to the chain.

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| Descent into the excavation



The last section of the descent into the excavation pit is realised using a single ladder. This can be attached to both sides of the lower platform of the shoring ladder.

Warning!

The residual height between the lower platform and the floor must be kept as low as possible!

Warning!

After complete assembly and before first use, the ladder must now be visually inspected by a **competent person** (in accordance with **TRBS 1203**)!

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| Fully assembled shoring ladder



Fully assembled shoring ladder

Note

Schuhwerk vor dem Ab- und Aufstieg von grobem Schmutz reinigen! Zu diesem Zweck sind das obere- und das untere Podest als Gitterroste ausgeführt.

Recurring inspections:

In accordance with the Industrial Safety Ordinance, the shoring ladder must be inspected at least once a year, but at shorter intervals if necessary.

Warning!

The shoring ladder may only be used by **one person** at a time.

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