

certificate
no. **BAU 26139**
dated 2026-07-21

Translation In any case, the German original shall prevail.

Test Certificate

Name and address of the holder of the certificate (customer): LTW Tiefbauvertriebs GmbH
Holter Weg 11
41836 Hückelhoven-Brachelen
GERMANY

Subject of the test: **Margin-supported trench-shoring-system, made of steel**

Type: Mini pile guide box

Testing based on: EN 13331-1:2002, EN 13331-2:2002
DIN 4124:2012
GS-BAU-24:2024-07

Test Report: 2026 0067 02

Further details: Box length up to 3.52 m
Box height: 0.60 m
Design moment $M = 37.31 \text{ kNm}$

Intended Use:
In accordance with the manufacturer's instructions for use and operation.

Maximum allowable earth pressure:
See the manufacturer's instructions for use and operation.

Subsequent certificate to number BAU 21158.

The manufacturer is also Certificate holder.

The subject tested complies with the test basis specified above.

The present certificate is valid until: **2031-07-20**

The test certificate is not entitled to use a test mark.

Further provisions concerning the validity, the extension of the validity and other conditions are laid down in the Rules of Procedure for Testing and Certification.



Dipl.-Ing. (FH) Franz Welsch
Deputy Head of Certification Body



certificate
no. **BAU 26160**
dated 2026-07-31

Translation In any case, the German original shall prevail.

Test Certificate

Name and address of the holder of the certificate (customer): LTW Tiefbauvertriebs GmbH
Holter Weg 11
41836 Hückelhoven-Brachelen
GERMANY

Subject of the test: **Shoring bar, infinitely adjustable**

Type: Minibox shoring bar Type A-D

Testing based on: GS-BAU-24:2024-07
EN 13331-1:2002, EN 13331-2:2002
DIN 4124:2012

Test Report: 2026 0067 04

Further details: Type A: 0,53 - 0,63 m Fd = 333 kN
Type B: 0,62 - 0,81 m Fd = 314 kN
Type C: 0,80 - 1,17 m Fd = 289 kN
Type D: 1,16 - 1,89 m Fd = 151 kN
Tension Fz = 32,7 kN

Intended Use:
As specified in the manufacturer's instructions for use and operation.
Maximum Permissible Earth Pressure:
See the instructions for use and operation.

Subsequent certificate to number BAU 21168.

The manufacturer is also Certificate holder.

The subject tested complies with the test basis specified above.

The present certificate is valid until: **2031-07-30**

The test certificate is not entitled to use a test mark.

Further provisions concerning the validity, the extension of the validity and other conditions are laid down in the Rules of Procedure for Testing and Certification.


Dipl.-Ing. (FH) Franz Welsch
Deputy Head of Certification Body

