

certificate
no. **BAU 21158**
dated 2021-07-27

Translation In any case, the German original shall prevail.

EuroTest Certificate

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

Product designation: **margin supported Trench-shoring-system, made of steel**

Type: Mini pile guide box

Testing based on: EN 13331-2:2002
EN 13331-1:2002
DIN 4124:2012

Test report:

Further details: Box length up to 3,52 m
Box heights: 0,60 m
Rated value moment M= 37,31 kNm
Additional certificate to number: 16113-ET.

Intended Purpose

According to assembly instructions of manufacturer.
The permissible earth pressure is to be taken from the manufacturer's assembly instructions as a function of the system size.


The manufacturer is also Certificate holder.

The type tested complies with the test basis specified above.

The holder of the certificate is entitled to affix the ET-mark shown overleaf to the products complying with the type tested.

The present certificate including the right to affix the ET-mark is valid until: **2026-07-20**

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 Testing and Certification Body



certificate
no. **BAU 21168**
dated 2021-08-05

Translation In any case, the German original shall prevail.

EuroTest Certificate

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

Product designation: **Shoring bar, infinitely adjustable**

Type: Minibox shoring bar Typ A-D

Testing based on: EN 13331-2:2002
EN 13331-1:2002
DIN 4124:2012

Test report:

Further details: Typ A: 0,53 - 0,63 m Fd = 173,8 kN
Typ B: 0,62 - 0,81 m Fd = 162,7 kN
Typ C: 0,80 - 1,17 m Fd = 138,4 kN
Typ D: 1,16 - 1,80 m Fd = 91,9 kN
Tension Fz = 32,7 kN
Folgeerscheinung zu Nummer: 16115-ET.

Intended Purpose

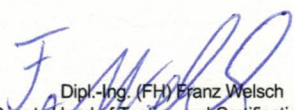
According to assembly instructions of manufacturer.
The permissible earth pressure loading is to be taken from the manufacturer's assembly instructions of the system size.
Additional certificate to number: 16115-ET.

The manufacturer is also Certificate holder.

The type tested complies with the test basis specified above.
The holder of the certificate is entitled to affix the ET-mark shown overleaf to the products complying with the type tested.

The present certificate including the right to affix the ET-mark is valid until: **2026-07-30**

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 Testing and Certification Body

