

certificate  
no. **BAU 17037**  
dated 2017-03-14

Translation In any case, the German original shall prevail.

## EuroTest Certificate

Name and address of the holder of the certificate: **thyssenkrupp Infrastructure GmbH**  
**Hollestraße 7a**  
(customer) **45127 Essen**

Product designation: **Trench-shoring-system KS 100**

Type: **KS100**

Testing based on: **EN 13331: November 2002**  
**DIN 4124: January 2012**

Test report: **TÜV SÜD IS-ETM3-MUC/pru v. 25.07.2010 DOK KS100-mi, IS**  
**ETM3-MUC/**

Further details: **Additional certificate to number: 12050-E**

**Intended Purpose**

According to assembly instructions of manufacturer.  
The permissible earth pressure loading 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: **2022-02-28**

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 17036**  
dated 2017-03-14

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## EuroTest Certificate

Name and address of the holder of the certificate: (customer) thyssenkrupp Infrastructure GmbH  
Hollestraße 7a  
45127 Essen

Product designation: **Shoring struts Type Krings**

Type: SP SB 98x550, SP BP 98x700, SP BP 98x817

Testing based on: EN 13331:November 2002  
DIN 4124: January 2012

Test report: TÜV SÜD IS-ETM3-MUC/pru v. 07.10.2010 DOK KS100 m. Streben Rev1

Further details: Additional certificate to number: 12056-E

### Intended Purpose

According to assembly instructions of manufacturer.  
The permissible earth pressure loading 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: **2022-02-28**

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  
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