

1. SCOPE

This schedule specifies the requirements for Terra Solutions Ltd. to undertake installation of SAERTEX-LINER® MULTI Type E and S+ liner systems for the renovation of gravity sewers and drains as defined in the WRc Approved Assessment Schedule PT/552/0625-AS.

2. SERVICE DESCRIPTION

2.1 Introduction

Terra Solutions Ltd. provide a service to install SAERTEX-LINER® MULTI Type E and S+ liner systems in accordance with the installation documentation⁽¹⁾.

2.2 Applicable standards

The following standard is applicable to the installation of SAERTEX-LINER® MULTI Type E and S+ liner systems:

- BS EN 11296-4:2018+A1:2021⁽²⁾.

2.3 Approval History

This is the first WRc Approved® certification for Terra Solutions Ltd. for the installation of SAERTEX-LINER® MULTI Type E and S+ liner systems.

3. REQUIREMENTS AND TESTING

3.1 Installation Procedures

Terra Solutions Ltd. shall undertake the installation of the supplied SAERTEX-LINER® MULTI Type E and S+ liner systems in accordance with the installation documentation.

Evidence as proof of adherence to the installation documentation by submissions or auditing is a requirement for the following:

- Training records of installation team(s).
- Quality checks undertaken upon taking delivery of SAERTEX-LINER® MULTI Type E and S+ linings.
- Storage and handling of SAERTEX-LINER® MULTI Type E and S+ linings pre-installation.
- Liner design.
- Records of site installations of the SAERTEX-LINER® MULTI Type E and S+ liner systems.
- Maintenance schedule for installation equipment.
- WRc auditing site installation of the SAERTEX-LINER® MULTI Type E and S+ liner systems.

3.2 Testing

Material property test results from installed liners to demonstrate they meet SAERTEX-LINER® MULTI Type E and S+ liner system declared mechanical characteristic values.

SAERTEX-LINER® MULTI Type E liner system (150-200mm)	
Characteristic	Declared value
Short-term flexural modulus	8,500 MPa
Short-term flexural stress	273 MPa

CT/040/0626-AS (June 2026)

**Assessment Schedule for the installation
of SAERTEX-LINER® MULTI Type E and
S+ liner systems by Terra Solutions Ltd.**



independent certification of your products & services

SAERTEX-LINER® MULTI Type E liner system (201-600mm)	
Characteristic	Declared value
Short-term flexural modulus	13,800 MPa
Short-term flexural stress	152 MPa

SAERTEX-LINER® MULTI Type S+ liner system	
Characteristic	Declared value
Short-term flexural modulus	16,800 MPa
Short-term flexural stress	270 MPa

5. REFERENCES

1. Ordering and Installation Manual: Saertex® Liner Gravity Segment, December 2024.
2. BS EN 11296-4:2018+A1:2021, Plastic piping systems for renovation of underground non-pressure drainage and sewerage networks. Lining with cured-in-place pipes.

4. APPROVAL

Terra Solutions Ltd. have been audited for the installation of the SAERTEX-LINER® MULTI Type E and S+ liner systems and successfully met all the requirements stated within this assessment schedule.

Signed:

A handwritten signature in black ink, appearing to be 'G.L.' with a horizontal line extending to the right.

Valid until 15 June 2031.