



SLOVENSKI STANDARD
SIST-TS CEN/TS 17986:2024

01-februar-2024

Hidroizolacijski trakovi - Pravila za ekstrapolacijo rezultatov testiranja odpornosti proti preboju korenin

Flexible sheets for waterproofing - Extrapolation rules for testing results on resistance to root penetration

Abdichtungsbahnen - Extrapolationsregeln für die Durchwurzlung

Feuilles souples d'étanchéité - Règles d'extrapolation des résultats d'essai pour la résistance à la pénétration des racines

Ta slovenski standard je istoveten z: CEN/TS 17986:2023

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ICS:

91.100.50 Veziva. Tesnilni materiali Binders. Sealing materials

SIST-TS CEN/TS 17986:2024

en,fr,de

TECHNICAL SPECIFICATION
SPÉCIFICATION TECHNIQUE
TECHNISCHE SPEZIFIKATION

CEN/TS 17986

November 2023

ICS 91.100.50

English Version

Flexible sheets for waterproofing - Extrapolation rules for testing results on resistance to root penetration

Feuilles souples d'étanchéité - Règles d'extrapolation des résultats d'essai pour la résistance à la pénétration des racines

Abdichtungsbahnen - Extrapolationsregeln für die Durchwurzelung

This Technical Specification (CEN/TS) was approved by CEN on 8 October 2023 for provisional application.

The period of validity of this CEN/TS is limited initially to three years. After two years the members of CEN will be requested to submit their comments, particularly on the question whether the CEN/TS can be converted into a European Standard.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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CEN/TS 17986:2023 (E)

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European foreword

This document (CEN/TS 17986:2023) has been prepared by Technical Committee CEN/TC 254 “Flexible sheets for waterproofing”, the secretariat of which is held by NEN.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

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CEN/TS 17986:2023 (E)

1 Scope

Experience with testing in accordance with EN 13948 has shown that flexible sheets for waterproofing with different thicknesses, different colours, different formulations, different surface finishing, and different internal fabrics, amongst others, have passed the test successfully.

This document expresses the extrapolation rules of the results of root resistance testing in accordance with EN 13948 for roof waterproofing sheets manufactured in accordance with EN 13707:2004+A2:2009, and EN 13956:2012.

Experience with testing in accordance to EN 13948 has shown that the main critical points are represented by the joints. If joints are done in a proper way, it will avoid the penetration of roots during the test.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 12316-2, *Flexible sheets for waterproofing — Determination of peel resistance of joints — Part 2: Plastic and rubber sheets for roof waterproofing*

EN 12317-2, *Flexible sheets for waterproofing — Determination of shear resistance of joints — Part 2: Plastic and rubber sheets for roof waterproofing*

EN 13707:2004+A2:2009, *Flexible sheets for waterproofing — Reinforced bitumen sheets for roof waterproofing — Definitions and characteristics*

EN 13948, *Flexible sheets for waterproofing — Bitumen, plastic and rubber sheets for roof waterproofing - Determination of resistance to root penetration*

EN 13956:2012, *Flexible sheets for waterproofing — Plastic and rubber sheets for roof waterproofing — Definitions and characteristics*

EN 1849-2, *Flexible sheets for waterproofing — Determination of thickness and mass per unit area — Part 2: Plastics and rubber sheets for roof waterproofing*

EN 1928, *Flexible sheets for waterproofing — Bitumen, plastic and rubber sheets for roof waterproofing — Determination of watertightness*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- IEC Electropedia: available at <http://www.electropedia.org/>
- ISO Online browsing platform: available at <http://www.iso.org/obp>

3.1

mechanical barrier

layer providing the penetration protection