

TNI	Zemné práce Časť 8: Alternatívne materiály pri zemných prácach	TNI CEN/TR 16907-8 73 3000
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Earthworks - Part 8: Alternative materials in earthworks

Táto technická normalizačná informácia obsahuje anglickú verziu CEN/TR 16907-8:2024.
This Technical standard information includes the English version of CEN/TR 16907-8:2024.

Táto technická normalizačná informácia bola oznámená vo Vestníku ÚNMS SR č. 02/25

140091



TECHNICAL REPORT

CEN/TR 16907-8

RAPPORT TECHNIQUE

TECHNISCHER REPORT

November 2024

ICS 93.020

English Version

Earthworks - Part 8: Alternative materials in earthworks

Terrassements - Partie 8 : Matériaux alternatifs pour
les terrassements

Erdarbeiten - Teil 8: Alternative Materialien für
Erdarbeiten

This Technical Report was approved by CEN on 25 November 2024. It has been drawn up by the Technical Committee CEN/TC 396.

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CEN/TR 16907-8:2024 (E)

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CEN/TR 16907-8:2024 (E)**European foreword**

This document (CEN/TR 16907-8:2024) has been prepared by Technical Committee CEN/TC 396 “Earthworks”, the secretariat of which is held by AFNOR.

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.

This document complements the European Standards within the framework series of EN 16907 on Earthworks:

- EN 16907-1, *Earthworks — Part 1: Principles and general rules*;
- EN 16907-2, *Earthworks — Part 2: Classification of materials*;
- EN 16907-3, *Earthworks — Part 3: Construction procedures*;
- EN 16907-4, *Earthworks — Part 4: Soil treatment with lime and/or hydraulic binders*;
- EN 16907-5, *Earthworks — Part 5: Quality control*;
- EN 16907-6, *Earthworks — Part 6: Land reclamation earthworks using dredged hydraulic fill*;
- EN 16907-7, *Earthworks — Part 7: Hydraulic placement of waste*;
- CEN/TR 16907-8, *Earthworks — Part 8: Alternative materials in earthworks* (this document);
- CEN/TR 16907-9, *Earthworks — Part 9: Sustainable earthworks* (Under preparation).

These “Earthworks standards” do not apply to the environmental planning and geotechnical design that determines the required form and properties of the earth-structure that is to be constructed. They apply to the design of the earthwork's materials, execution, monitoring and checking of earthworks construction processes to ensure that the completed earth-structure satisfies the geotechnical design.

Any feedback and questions on this document should be directed to the users’ national standards body. A complete listing of these bodies can be found on the CEN website.

1 Scope

This document informs about the experience of European member state practices for successfully using alternative materials in earthworks. It covers all earthworks, whether for roads, railways, and other infrastructure, including fills, capping layers, transition zones, drainage ribs or others (for details, see EN 16907-1:2018, Clause 1 “Scope”).

Alternative materials have properties, on a geotechnical standpoint, which makes them different from the materials (soils and rocks) being normally used in earthworks. Therefore, the objective of this document is:

- to give an overview of the alternative materials that have been successfully used in earthworks in Europe;
- for the alternative materials, for which use in earthworks is adequately documented, to give general information regarding the points of attention that clients, designers and earthwork companies, keep in mind in any attempt to use them in earthworks.

This document does not deal with alternative materials used as aggregate.

This document does not deal with alternative materials used as binders (fly ash, granulated blast furnace slag or others) or binder components.

2 Normative references

There are no normative references in this document.

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