DIN EN 12715

ICS 93.020

Supersedes
DIN EN 12715:2000-10

Execution of special geotechnical work – Grouting; English version EN 12715:2020, English translation of DIN EN 12715:2021-01

Ausführung von Arbeiten im Spezialtiefbau – Injektionen; Englische Fassung EN 12715:2020, Englische Übersetzung von DIN EN 12715:2021-01

Exécution des travaux géotechniques spéciaux – Injection; Version anglaise EN 12715:2020, Traduction anglaise de DIN EN 12715:2021-01

Document comprises 55 pages

Translation by DIN-Sprachendienst.

In case of doubt, the German-language original shall be considered authoritative.

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A comma is used as the decimal marker.

National foreword

This document (EN 12715:2020) has been prepared by Technical Committee CEN/TC 288 “Execution of special geotechnical works” (Secretariat: AFNOR, France).

The responsible German body involved in its preparation was *DIN-Normenausschuss Bauwesen* (DIN Standards Committee Building and Civil Engineering), Working Committee NA 005-05-08 AA “Design of grouting, jet grouting and deep mixing (national mirror committee for CEN/TC 288/WG 17, WG 18 and WG 20)”.

In addition to the legal units of measurement, this standard also uses the units “Å (Ångström)” and “qt (Quart)”, the use of which is not allowed in Germany. It should be noted that the *Gesetz über Einheiten im Messwesen und die Zeitbestimmung* (EinhZeitG, German Law on units and time in metrology) prohibits the use of these units for official and commercial purposes in Germany. The indication of these units solely serves to facilitate the communication with those countries where these units are used (e.g. for import and export purposes). The conversions listed in the following table are based on DIN 1301-3. In this document, the unit 1 qt is converted to 943 ml in Annex C (R2).

Conversion:

Non-SI unit	SI unit	Conversion
Å	m	$1\ \text{Å} = 10^{-10}\ \text{m}$
qt	m^3	$1\ \text{qt (US liq)} = 9{,}463\ 529 \cdot 10^{-4}\ \text{m}^3$

This document includes a National footnote in Annex A, explaining an inaccuracy with regard to the translation into German.

For current information on this document, please go to DIN’s website (www.din.de) and search for the document number in question.

Amendments

This standard differs from DIN EN 12715:2000-10 as follows:

a) the text has been generally checked and brought up to date;

b) the Scope now includes Figure 1 to describe the various forms of grouting covered in this document;

c) normative references have been updated and now include a reference to EN 1997 for design;

d) definitions have been updated and extended;

e) Clause 4 to Clause 11 have been completely technically revised;

f) “site investigation” has been changed to “ground investigation” in line with EN 1997;

g) “design considerations” has been changed to “execution design” in line with EN 1997;

h) Table 1 has been included in Clause 8 relating to revised grouting strategies;

i) Annex A “Glossary” has been revised and updated;

j) Annex B “Grout types — Processes and their characterizing” has been added;

k) Table 3 has been moved to Annex B;

l) Table B.2 has been added to characterize grouts;

m) Table 5 and A.1 have been replaced by Annex C, including additional types of testing and normative references;

n) the Bibliography has been updated;

o) the document has been editorially revised.

Previous editions

DIN 4093: 1962-06, 1987-09
DIN EN 12715: 2000-10

National Annex NA
(informative)

Bibliography

DIN 1301-3, *Units — Part 3: Conversion of non-SI units*

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 12715

November 2020

ICS 93.020

Supersedes EN 12715:2000

English Version

Execution of special geotechnical work - Grouting

Exécution des travaux géotechniques spéciaux - Injection

Ausführung von Arbeiten im Spezialtiefbau - Injektionen

This European Standard was approved by CEN on 14 September 2020.

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Contents

Page