

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN 718:1999

<https://standards.iteh.ai/catalog/standards/sist/58b82efc-1d58-432e-8285-5696bf005f40/sist-en-718-1999>

EUROPEAN STANDARD

EN 718

NORME EUROPÉENNE

EUROPÄISCHE NORM

December 1995

ICS 91.060.30

Descriptors: floor coverings, supports, armatures, polyvinyle chloride, tests, determination, mass

English version

**Resilient floor coverings - Determination of mass
per unit area of a reinforcement or a backing of
polyvinyl chloride floor coverings**

Revêtements de sol résilients - Détermination
de la masse surfacique de l'armature ou du
support d'un revêtement de sol à base de
polychlorure de vinyle

Elastische Bodenbeläge - Bestimmung der
flächenbezogenen Masse von Verstärkung oder
Rücken von Bodenbelägen aus Polyvinylchlorid

(standards.itech.ai)

SIST EN 718:1999

<https://standards.itech.ai/catalog/standards/sist/58b82efc-1d58-432e-8285-5696bf005f40/sist-en-718-1999>

This European Standard was approved by CEN on 1995-11-26. CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

The European Standards exist in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

Central Secretariat: rue de Stassart, 36 B-1050 Brussels

© 1995

All rights of reproduction and communication in any form and by any means reserved in all countries to CEN and its members.

Ref. No. EN 718:1995 E

Page 2
EN 718:1995

Foreword

This European Standard has been prepared by the Technical Committee CEN/TC 134 "Resilient and textile floor coverings" of which the secretariat is held by BSI.

This European Standard shall be given the status of a National Standard, either by publication of an identical text or by endorsement, at the latest by June 1996, and conflicting national standards shall be withdrawn at the latest by June 1996.

According to the CEN/CENELEC Internal Regulations, the following countries are bound to implement this European Standard: Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN 718:1999

<https://standards.iteh.ai/catalog/standards/sist/58b82efc-1d58-432e-8285-5696bf005f40/sist-en-718-1999>

1 Scope

This European Standard specifies a method for determining the mass per unit area of a reinforcement or backing of a polyvinyl chloride-based floor covering.

2 Principle

The mass of the reinforcement or backing of test pieces of known dimensions is measured after the polyvinyl chloride material has been removed by submersion in tetrahydrofuran.

3 Apparatus and materials

3.1 A balance, accurate to 0,05 g.

3.2 A holder for test pieces.

3.3 A thermostatically controlled ventilated oven, capable of maintaining a temperature of $(80 \pm 2) ^\circ\text{C}$

3.4 Solvent: Tetrahydrofuran.

WARNING : Tetrahydrofuran is a dangerous solvent. Safety precautions are essential when dealing with this solvent.

4 Sampling and preparation of test pieces

Take a representative sample from the available material.

Take five test pieces, each of area $(100 \pm 0,5) \text{ cm}^2$, at equal distances across the sample, the distance between the outer edge of the sample and the nearest edge of the test piece being at least 100 mm.

5 Procedure

Submerge the test pieces for 24 h in a bath of tetrahydrofuran (3.4) at approximately $20 ^\circ\text{C}$. Hold the test piece at a sufficient distance from the bottom of the bath. Remove and immerse several times in clean tetrahydrofuran until no trace of the polyvinyl chloride part remains.

Allow the test pieces to dry for 24 h at $(80 \pm 2) ^\circ\text{C}$ in the ventilated oven. Cool and weigh to within 0,05 g.

6 Calculation and expression of results

Calculate the mass per unit area of the reinforcement or backing for each test piece and the mean value.

Express the results in g/m^2 rounded to the nearest 5 g/m^2 .

7 Test report

The test report shall include the following information:

- a) a reference to this standard, i.e. EN 718;
- b) a complete identification of the product tested, including type, source, colour and manufacturer's reference numbers;
- c) the previous history of the sample;
- d) the mean, maximum and minimum values for mass per unit area of the backing or reinforcement;
- e) any deviation from this standard which may have affected the results.