



**SLOVENSKI STANDARD**  
**SIST EN 17900:2023**

**01-november-2023**

---

**Usnje - Standardni podatki za izračun gostote usnja**

Leather - Standard data for the calculation of leather density

Leder - Standardwerte für die Berechnung der Lederdichte

Cuir - Données par défaut pour calculer la masse volumique du cuir

**Ta slovenski standard je istoveten z: EN 17900:2023**

<https://standards.iteh.ai/catalog/standards/sist/5dda20db-58c9-4eda-b320-e6ed5df05d6d/sist-en-17900-2023>

**ICS:**

59.140.30 Usnje in krzno Leather and furs

**SIST EN 17900:2023**

**en,fr,de**



EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 17900**

August 2023

ICS 59.140.30

English Version

**Leather - Standard data for the calculation of leather  
density**

Cuir - Données normalisées pour le calcul de la masse  
volumique du cuir

Leder - Standardwerte für die Berechnung der  
Lederdichte

This European Standard was approved by CEN on 2 July 2023.

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 CEN-CENELEC Management Centre or to any CEN member.

This European Standard exists 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 CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and United Kingdom.

[SIST EN 17900:2023](https://standards.iteh.ai/catalog/standards/sist/5dda20db-58c9-4eda-b320-e6ed5df05d6d/sist-en-17900-2023)

<https://standards.iteh.ai/catalog/standards/sist/5dda20db-58c9-4eda-b320-e6ed5df05d6d/sist-en-17900-2023>



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

**CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels**

<b>Contents</b>	<b>Page</b>
<b>European foreword</b> .....	<b>3</b>
<b>Introduction</b> .....	<b>4</b>
<b>1 Scope</b> .....	<b>5</b>
<b>2 Normative references</b> .....	<b>5</b>
<b>3 Terms and definitions</b> .....	<b>5</b>
<b>4 Table of leather default densities</b> .....	<b>6</b>
<b>Bibliography</b> .....	<b>7</b>

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

SIST EN 17900:2023

<https://standards.iteh.ai/catalog/standards/sist/5dda20db-58c9-4eda-b320-e6ed5df05d6d/sist-en-17900-2023>

## European foreword

This document (EN 17900:2023) has been prepared by Technical Committee CEN/TC 289 “Leather”, the secretariat of which is held by UNI.

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 February 2024, and conflicting national standards shall be withdrawn at the latest by February 2024.

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.

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.

According to the CEN-CENELEC Internal Regulations, the national standards organisations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and the United Kingdom.

iTeh STANDARD PREVIEW  
(standards.iteh.ai)

SIST EN 17900:2023

<https://standards.iteh.ai/catalog/standards/sist/5dda20db-58c9-4eda-b320-e6ed5df05d6d/sist-en-17900-2023>

**EN 17900:2023 (E)****Introduction**

Environmental footprints of materials and products are getting increasing momentum in our economies. Leather has been very active in this context; the tanning industry has developed both a CEN Standard for calculating leather Carbon Footprint and leather Product Category Rules (PEFCR) in the European context.

Whilst leather (except sole leather) is traded on the basis of m<sup>2</sup>, LCA applications need to insert data on material inputs in kg, so it is necessary to provide leather suppliers and customers with an instrument that allows them to eco-design their leather products correctly.

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

SIST EN 17900:2023

<https://standards.iteh.ai/catalog/standards/sist/5dda20db-58c9-4eda-b320-e6ed5df05d6d/sist-en-17900-2023>

## 1 Scope

This document specifies average values of leather density, depending on animal origin and thickness of finished leather, to be used for the calculation of LCA. This document is applicable to bovine, caprine and ovine types of leather.

This document does not apply to vegetable sole leather which is traded by weight.

## 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 15987, *Leather — Terminology — Key definitions for the leather trade*

## 3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 15987 and the following apply.

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

— ISO Online browsing platform: available at <https://www.iso.org/obp>

— IEC Electropedia: available at <https://www.electropedia.org/>

### 3.1 environmental footprint

multi-criteria measure of the environmental performance of a product or service throughout its life cycle

[SOURCE: Product Environmental Footprint (PEF) Guide (EUROPEAN COMMISSION-JOINT RESEARCH CENTRE) [1]]

### 3.2 carbon footprint

<leather> means for measuring, managing and communicating greenhouse gas (GHG) emissions related to goods and services, based on life cycle assessment (LCA) but focused on the single issue of global warming

### 3.3 default density

mass per unit area of the leather, measured in  $\text{kg}/\text{m}^2$

### 3.4 primary data

quantified value of a process or an activity obtained from a direct measurement or a calculation based on direct measurements

[SOURCE: EN ISO 14067:2018, 3.1.6.1]

### 3.5 default data

data used in absence of primary data (see Table 1)