

Specification for

Units of expressing properties of paper, board and pulps

The European Standard EN 25651:1993 has the status of a
British Standard

UDC 676.1/.2.017:53.081

NO COPYING WITHOUT BSI PERMISSION EXCEPT AS PERMITTED BY COPYRIGHT LAW



Document Sharing Hub

Committees responsible for this British Standard

The preparation of this British Standard was entrusted by the Paper and Printing Standards Policy Committee (PAM/-) to Technical Committee PAM/11 upon which the following bodies were represented:

- British Fibreboard Packaging Association
- British Paper and Board Industry Federation (PIF)
- British Printing Industries Federation
- British Telecommunications plc
- Envelope Makers' and Manufacturing Stationers' Association
- Her Majesty's Stationery Office
- Man-made Fibres Producers' Committee
- Ministry of Defence
- Paper Sack Development Association Ltd.
- PIRA (the Research Association for the Paper and Board, Printing and Packaging Industries)
- Post-Office
- Society of British Printing Ink Manufacturers
- University of Manchester Institute of Science and Technology

This British Standard, having been prepared under the direction of the Paper and Printing Standards Policy Committee, was published under the authority of the Board of BSI and comes into effect on 31 August 1989

© BSI 12-1999

First published February 1980
First revision August 1989

The following BSI references relate to the work on this standard:
Committee reference PAM/11
Draft for comment 87/45582 DC

ISBN 0 580 17565 0

Amendments issued since publication

Amd. No.	Date of issue	Comments
7808	February 1994	Indicated by a sideline in the margin

Contents

	Page
Committees responsible	Inside front cover
National foreword	ii
Foreword	2
Text of EN 25651	3
National appendix Z British Standards corresponding to the ISO standards listed in Table 1 and Table 2	10
Publications referred to	Inside back cover

National foreword

This British Standard has been prepared under the direction of the Paper and Printing Standards Policy Committee. It is identical with ISO 5651:1989 “*Paper, board and pulps — Units for expressing properties*” published by the International Organization for Standardization (ISO). It supersedes BS 5916:1980 which is withdrawn.

In 1993 the European Committee for Standardization (CEN) accepted ISO 5651:1989 as European Standard EN 25651:1993. As a consequence of implementing the European Standard this British Standard is renumbered as BS EN 25651:1994 and any reference to BS 5916 should be read as a reference to BS EN 25651.

Wherever practicable, the SI system of units is used. In a few instances where there is no satisfactory SI unit, those outside the SI system are quoted instead, though units permitted by ISO 1000 are used whenever possible.

ISO 1000 “*SI units and recommendations for the use of their multiples and of certain other units*”, is published as BS 5555, under the same title.

Cross references. References to International Standards in Table 1 and Table 2 and in Annex B are for information only. For the convenience of users of this standard the corresponding British Standards to those in Table 1 and Table 2 are listed in National appendix Z.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the EN title page, pages 2 to 14, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

UDC 676.1/.2.017:53.081

Descriptors: Paper, paperboards, paper pulps, properties, units of measurement

English version

Paper, board and pulps — Units of expressing properties (ISO 5651:1989)

Papiers, cartons et pâtes — Unités pour
l'expression des propriétés
(ISO 5651:1989)

Papier, Pappe und Zellstoff — Maßeinheiten
zum Bezeichnen von Eigenschaften
(ISO 5651:1989)

This European Standard was approved by CEN on 1993-09-06. 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.

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 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

Foreword

This European Standard has been taken over by CEN/TC 172, Pulp, paper and board, from the work of ISO/TC 6, Paper, board and pulps, of the International Organization for Standardization (ISO).

The document was submitted to formal vote and adopted by CEN as a European Standard without any modification.

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 March 1994, and conflicting national standards shall be withdrawn at the latest by March 1994.

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, United Kingdom.

Contents

	Page
Foreword	2
1 Scope	3
2 Recommended units	3
Annex A (informative) Conversion factors	7
Annex B (informative) Bibliography	7
Table 1 — Recommended units for properties forming the subject of an International Standard	3
Table 2 — Recommended units for other properties	6