



# MALAYSIAN STANDARD

MS ISO 5627:2010

## PAPER AND BOARD - DETERMINATION OF SMOOTHNESS (BEKK METHOD) (ISO 5627:1995, COR. 1:2002, IDT)

ISO 5627:1995, Technical Corrigendum 1:2002 is endorsed as Malaysian Standard with the reference number MS ISO 5627:2010.

**ICS: 85.060**

Descriptors: smoothness (Bekk method), paper and board, test method

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## Committee representation

The Industry Standards Committee on Chemicals and Materials (ISC B) under whose authority this Malaysian Standard was adopted, comprises representatives from the following organisations:

Department of Agriculture Malaysia  
Department of Chemistry, Malaysia  
Department of Standards Malaysia  
Malaysian Association of Standards Users  
Malaysian Ceramic Industry Group  
Malaysian Institute of Chemistry  
Malaysian Paint Manufacturers Association  
Malaysian Pulp and Paper Manufacturers Association  
Minerals and Geoscience Department Malaysia  
Ministry of International Trade and Industry  
Science and Technology Research Institute for Defence  
SIRIM Berhad (Secretariat)  
Universiti Malaya  
Universiti Sains Malaysia  
Universiti Teknologi Malaysia

The Technical Committee on Pulp, Paper and Board which recommended the adoption of the ISO Standard consists of representatives from the following organisations:

Department of Chemistry, Malaysia  
Forest Research Institute Malaysia  
GS Paper and Packaging Sdn Bhd  
Malaysian Newsprint Industries Sdn Bhd  
Malaysian Palm Oil Board  
Malaysian Pulp and Paper Manufacturers Association  
Muda Paper Mills Sdn Bhd  
Nibong Tebal Paper Mill Sdn Bhd  
Pascorp Paper Industries Berhad  
Sabah Forest Industries Sdn Bhd  
SIRIM Berhad (Secretariat)  
Universiti Kebangsaan Malaysia  
Universiti Sains Malaysia

## NATIONAL FOREWORD

The adoption of the ISO Standard as a Malaysian Standard was recommended by the Technical Committee on Pulp, Paper and Board under the authority of the Industry Standards Committee on Chemicals and Materials.

This Malaysian Standard is identical with ISO 5627:1995, *Paper and board - Determination of smoothness (Bekk method)*, including its Technical Corrigendum 1:2002, published by the International Organization for Standardization (ISO). However, for the purposes of this Malaysian Standard, the following apply:

- a) in the source text, "this International Standard" should read "this Malaysian Standard";
- b) the comma which is used as a decimal sign (if any), to read as a point; and
- c) reference to International Standards should be replaced by corresponding Malaysian Standards as follows:

### Referenced International Standards

### Corresponding Malaysian Standards

ISO 48, *Rubber, vulcanized or thermoplastic - Determination of hardness (hardness between 10 IRHD and 100 IRHD)*

MS ISO 48, *Rubber, vulcanized or thermoplastic - Determination of hardness (hardness between 10 IRHD and 100 IRHD)*

ISO 186, *Paper and board - Sampling to determine average quality*

MS ISO 186, *Paper and board - Sampling to determine average quality*

ISO 187, *Paper, board and pulps - Standard atmosphere for conditioning and testing and procedure for monitoring the atmosphere and conditioning of samples*

MS ISO 187, *Paper, board and pulps - Standard atmosphere for conditioning and testing and procedure for monitoring the atmosphere and conditioning of samples*

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

NOTE. IDT on the front cover indicates an identical standard i.e. a standard where the technical content, structure, and wording (or is an identical translation) of a Malaysian Standard is exactly the same as in an International Standard or is identical in technical content and structure although it may contain the minimal editorial changes specified in clause 4.2 of ISO/IEC Guide 21-1.

INTERNATIONAL  
STANDARD

**ISO**  
**5627**

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**Paper and board — Determination  
of smoothness (Bekk method)**

*Papier et carton — Détermination du lissé (Méthode Bekk)*



Reference number  
ISO 5627:1995(E)

## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 5627 was prepared by Technical Committee ISO/TC 6, *Paper, board and pulps*, Subcommittee SC 2, *Test methods and quality specifications for paper and board*.

This second edition cancels and replaces the first edition (ISO 5627:1984), which has been technically revised.

Annex A forms an integral part of this International Standard.

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