

Paper and board — Determination of air permeance (medium range) —

Part 4: Sheffield method

ICS 85.060

National foreword

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The UK participation in its preparation was entrusted to Technical Committee PAI/11, Method of test for paper, board and pulps, which has the responsibility to:

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Paper and board — Determination of air permeance (medium range) —

Part 4: Sheffield method

*Papier et carton — Détermination de la perméance à l'air (valeur
moyenne) —*

Partie 4: Méthode Sheffield



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Foreword

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ISO 5636-4 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 5636-4:1986), which has been technically revised.

ISO 5636 consists of the following parts, under the general title *Paper and board — Determination of air permeance (medium range)*:

- *Part 1: General method*
- *Part 2: Schopper method*
- *Part 3: Bendtsen method*
- *Part 4: Sheffield method*
- *Part 5: Gurley method*

Introduction

Basic requirements and general operating procedures for the determination of air permeance are given in ISO 5636-1 (see [1] in the Bibliography). Other parts of ISO 5636 specify detailed requirements and operating procedures applicable to other types of apparatus. Since all these methods determine the air flow rate through a specified area under a specified pressure difference when the test piece is clamped to avoid lateral surface leakage, they should in principle give the same result.