



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 1931:2000

ICS 91.100.50

**FLEXIBLE SHEETS FOR WATERPROOFING -
BITUMEN AND RUBBER SHEETS FOR ROOF
WATERPROOFING - DETERMINATION OF
WATER VAPOUR TRANSMISSION
PROPERTIES**

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English version

Flexible sheets for waterproofing - Bitumen, plastic and rubber
sheets for roof waterproofing - Determination of water vapour
transmission properties

Feuilles souples d'étanchéité - Feuilles d'étanchéité de
toiture bitumineuses, plastiques et élastomères -
Détermination des propriétés de transmission de la vapeur
d'eau

Abdichtungsbahnen - Bitumen-, Kunststoff- und
Elastomerbahnen für Dachabdichtungen - Bestimmung der
Wasserdampfdurchlässigkeit

This European Standard was approved by CEN on 10 June 2000.

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Foreword

This European Standard has been prepared by Technical Committee CEN/TC 254 "Flexible sheets for waterproofing", the secretariat of which 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of an identical text or by endorsement, at the latest by January 2001, and conflicting national standards shall be withdrawn at the latest by January 2001.

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

Introduction

This draft European Standard has been prepared by the Technical Committee CEN/TC 254 to determine the water vapour transmission properties of flexible sheets for waterproofing.

This standard has been prepared for applications in roofing but it may also be used in other areas where it is relevant.

This standard is intended for characterisation of flexible sheets for waterproofing as manufactured or supplied before use. This standard relates exclusively to products and not to waterproofing membrane systems composed of such products and installed in the works.

1 Scope

This European Standard specifies a method for the determination of the water vapour transmission properties and for the calculation of the density of moisture flow rate g and of the moisture resistance factor μ of waterproofing sheets. It is applicable to factory made bitumen, plastic and rubber sheets for roof waterproofing.

2 Normative references

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of these publications apply to this draft European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

prEN 13416:1998

Flexible sheets for waterproofing - Bitumen, plastic and rubber sheets for roof waterproofing - Rules for sampling.

EN 12591

Bitumen and bituminous binders - Specifications of paving grade bitumen

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