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Flexible sheets for waterproofing - Determination of thickness and mass per unit area - Part 2: Plastic and rubber sheets

I.S. EN 1849-2:2009

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English Version

Flexible sheets for waterproofing - Determination of thickness and mass per unit area - Part 2: Plastic and rubber sheets

Feuilles souples d'étanchéité - Détermination de l'épaisseur
et de la masse surfacique - Partie 2: Feuilles d'étanchéité
de toiture plastiques et élastomères

Abdichtungsbahnen - Bestimmung der Dicke und der
flächenbezogenen Masse - Teil 2: Kunststoff- und
Elastomerbahnen für Dachabdichtungen

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Contents	Page
Foreword	3
Introduction	4
1 Scope	5
2 Normative references	5
3 Terms and definitions	5
4 Sampling	7
5 Determination of thickness	7
5.1 Principle	7
5.2 Apparatus	7
5.3 Test specimens	7
5.4 Procedure	7
5.4.1 General	7
5.4.2 Mechanical measurement	8
5.4.3 Optical measurement	8
5.5 Expression of results	8
6 Determination of mass per unit area	9
6.1 Principle	9
6.2 Apparatus	9
6.3 Test specimens	9
6.4 Procedure	9
6.5 Expression of results	9
7 Test report	9
Annex A (informative) Example of the cut cross-section of a membrane	10

Foreword

This document (EN 1849-2:2009) 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of an identical text or by endorsement, at the latest by June 2010, and conflicting national standards shall be withdrawn at the latest by June 2010.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

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Introduction

This European Standard is intended for characterisation of plastic and rubber sheets as manufactured or supplied before use. This test method relates exclusively to products or to their components where appropriate, and not to waterproofing membrane systems composed of such products and installed in the works.

This test is intended to be used in conjunction with EN 13956, *Flexible sheet for waterproofing — Plastic and rubber sheets for roof waterproofing — Definitions and characteristics*.

1 Scope

This European Standard specifies methods for the determination of the thickness and mass per unit area of plastic and rubber sheets for roof waterproofing.

2 Normative references

The following referenced documents are indispensable for the application 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 13416, *Flexible sheets for waterproofing — Bitumen, plastic and rubber sheets for roof waterproofing — Rules for sampling*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1

surface texture

textured pattern on one or both surfaces of the sheet creating a difference between the effective and overall thickness not exceeding 0,15 mm

NOTE See Figure 2 a) and c).

3.2

surface profile (surface structure)

raised area on the surface of the sheet creating a difference between the effective and overall thickness exceeding 0,15 mm

NOTE See Figure 2 b).

3.3

internal fabric

layer of woven or non-woven fabric of synthetic or mineral fibres incorporated in the sheet. This layer may or may not constitute reinforcement

NOTE See Figure 1 c).

3.4

backing

layer of woven or non-woven fabric of synthetic or mineral fibres or other materials, fixed to the bottom of the sheet

NOTE see Figure 2 d).

3.5

overall thickness

d

thickness of the sheet excluding any surface profile

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