

**SLOVENSKI STANDARD
kSIST FprEN 1849-2:2009**

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

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

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

Ta slovenski standard je istoveten z: FprEN 1849-2

ICS:

91.100.50 Veziva. Tesnilni materiali Binders. Sealing materials

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**EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM**

**FINAL DRAFT
FprEN 1849-2**

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ICS 91.100.50

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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

This draft European Standard is submitted to CEN members for unique acceptance procedure. It has been drawn up by the Technical Committee CEN/TC 254.

If this draft becomes a European Standard, 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.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

Management Centre: Avenue Marnix 17, B-1000 Brussels

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Foreword

This document (FprEN 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 document is currently submitted to the Unique Acceptance Procedure.

This document will supersede EN 1849-2:2001.

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 (see Figure 2a) 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 (see Figure 2b))

3.3

internal fabric

layer of woven or non-woven fabric of synthetic or mineral fibres incorporated in the sheet (see Figure 1c)). This layer may or may not constitute reinforcement

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 (see Figure 2d))

3.5

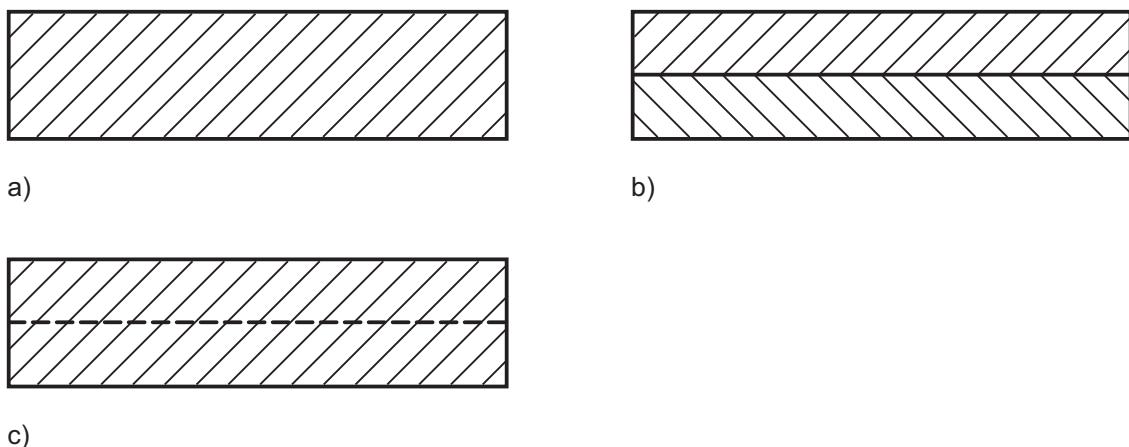
overall thickness (d)

thickness of the sheet excluding any surface profile

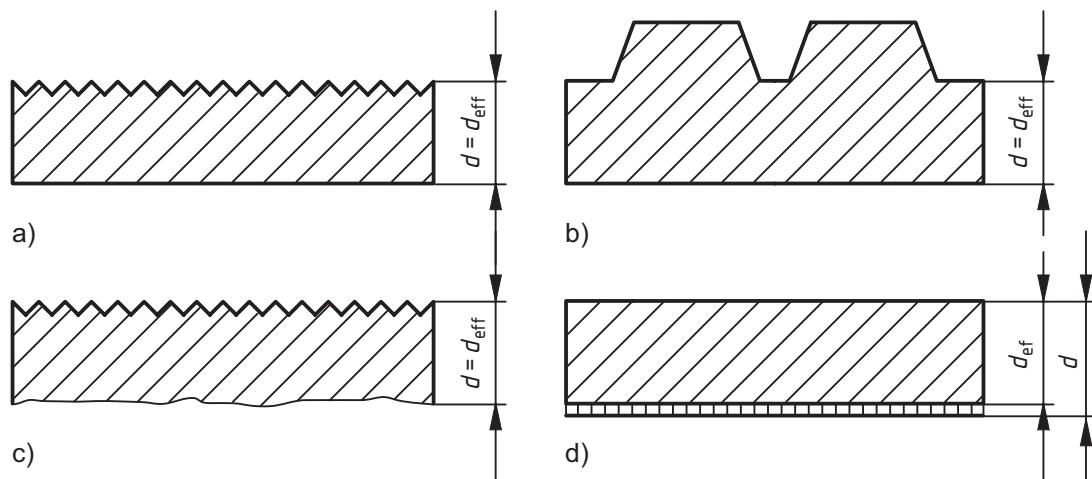
3.6

effective thickness (d_{eff})

thickness of the sheet providing the waterproofing function including any surface texture but excluding any surface profile and backing

FprEN 1849-2:2009 (E)**Key**

- a) homogeneous single layer sheet
- b) multi-layer sheet
- c) sheet with internal fabric

Figure 1 — Structure of the sheet**Key**

- a) sheet with surface texture on one side
- b) sheet with surface profiles
- c) sheet with surface texture on both sides
- d) sheet with backing

Figure 2 — Types of surfaces**4 Sampling**

Test samples shall be taken in accordance with EN 13416.