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**Hidroizolacijski trakovi - Polimerni in elastomerni trakovi za hidroizolacijo betonskih premostitvenih objektov in drugih betonskih prometnih površin - Definicije in lastnosti**

Flexible sheets for waterproofing - Plastic and rubber sheets for waterproofing of concrete bridge decks and other trafficked areas of concrete - Definitions and characteristics

Abdichtungsbahnen - Kunststoff- und Elastomerbahnen für Abdichtungen von Betonbrücken und andere Verkehrsflächen aus Beton - Definition und Eigenschaften

Feuilles souples d'étanchéité - Feuilles d'étanchéité de toiture plastiques et caoutchouc de ponts et autre surface en beton circulables par les vehicules - Définitions et caractéristiques

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**ICS:**

91.100.30	Beton in betonski izdelki	Concrete and concrete products
91.100.50	Veziva. Tesnilni materiali	Binders. Sealing materials

**kSIST-TS FprCEN/TS 17048:2023**      **en,fr,de**



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SPÉCIFICATION TECHNIQUE  
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**FINAL DRAFT**  
**FprCEN/TS 17048**

August 2023

ICS 91.100.50

English Version

**Flexible sheets for waterproofing - Plastic and rubber sheets for waterproofing of concrete bridge decks and other trafficked areas of concrete - Definitions and characteristics**

Feuilles souples d'étanchéité - Feuilles d'étanchéité de toiture plastiques et caoutchouc de ponts et autre surface en béton circulables par les véhicules - Définitions et caractéristiques

Abdichtungsbahnen - Kunststoff- und Elastomerbahnen für Abdichtungen von Betonbrücken und andere Verkehrsflächen aus Beton - Definition und Eigenschaften

This draft Technical Specification is submitted to CEN members for Vote. It has been drawn up by the Technical Committee CEN/TC 254.

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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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

**CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels**

## Contents

	Page
European foreword.....	3
<b>1 Scope .....</b>	<b>4</b>
<b>2 Normative references .....</b>	<b>4</b>
<b>3 Terms and definitions .....</b>	<b>5</b>
<b>4 Product characteristics.....</b>	<b>7</b>
<b>4.1 General.....</b>	<b>7</b>
<b>4.2 Sheet characteristics.....</b>	<b>7</b>
<b>4.2.1 Visible defects.....</b>	<b>7</b>
<b>4.2.2 Dimensions, tolerances, and mass per unit area .....</b>	<b>7</b>
<b>4.2.3 Tensile properties.....</b>	<b>7</b>
<b>4.2.4 Water absorption .....</b>	<b>8</b>
<b>4.2.5 Foldability at low temperature .....</b>	<b>8</b>
<b>4.2.6 Flow resistance at elevated temperature.....</b>	<b>8</b>
<b>4.2.7 Dimensional stability at elevated temperatures .....</b>	<b>8</b>
<b>4.2.8 Artificial ageing behaviour .....</b>	<b>8</b>
<b>4.3 Performance related characteristics .....</b>	<b>9</b>
<b>4.3.1 General.....</b>	<b>9</b>
<b>4.3.2 Bond strength.....</b>	<b>9</b>
<b>4.3.3 Shear strength .....</b>	<b>9</b>
<b>4.3.4 Crack bridging ability .....</b>	<b>9</b>
<b>4.3.5 Compatibility by heat conditioning.....</b>	<b>9</b>
<b>4.3.6 Resistance to compaction of an asphalt layer.....</b>	<b>9</b>
<b>4.3.7 Behaviour of plastic and rubber sheets during application of mastic asphalt .....</b>	<b>9</b>
<b>4.3.8 Bitumen compatibility .....</b>	<b>10</b>
<b>4.3.9 Watertightness.....</b>	<b>10</b>
<b>4.4 Dangerous substances.....</b>	<b>10</b>
<b>5 Test samples, testing and criteria .....</b>	<b>10</b>
<b>5.1 General.....</b>	<b>10</b>
<b>5.2 Test samples, testing and criteria .....</b>	<b>10</b>
<b>5.3 Test reports.....</b>	<b>12</b>
<b>6 Product data sheet.....</b>	<b>12</b>
<b>7 Marking, labelling, and packaging .....</b>	<b>13</b>
<b>Annex A (normative) Determination of dimensional stability at 160 °C .....</b>	<b>14</b>
<b>A.1 General.....</b>	<b>14</b>
<b>A.2 Procedure.....</b>	<b>14</b>
<b>A.3 Precision of test method.....</b>	<b>14</b>
<b>A.4 Test report.....</b>	<b>14</b>
<b>Bibliography.....</b>	<b>15</b>

## **European foreword**

This document (FprCEN/TS 17048:2023) has been prepared by Technical Committee CEN/TC 254 “Flexible sheets for waterproofing”, the secretariat of which is held by NEN.

This document is currently submitted to the Vote on TS.

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## FprCEN/TS 17048:2023 (E)

### 1 Scope

This document specifies characteristics and performances of plastic and rubber sheets for waterproofing of concrete bridge decks and other concrete surfaces trafficable by vehicles where the waterproofing is fully bonded to the concrete deck and fully bonded to the asphalt overlay.

This document does not cover concrete surfaces trafficable by vehicles where the waterproofing is not fully bonded to the concrete and/or not fully bonded to an overlay.

This document also states the test methods used for verifying the characteristics and gives rules for the assessment and verification of consistency of performance of the product.

### 2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 495-5, *Flexible sheets for waterproofing — Determination of foldability at low temperature — Part 5: Plastic and rubber sheets for roof waterproofing*

EN 1107-2, *Flexible sheets for waterproofing — Determination of dimensional stability — Part 2: Plastic and rubber sheets for roof waterproofing*

EN 1110, *Flexible sheets for waterproofing — Bitumen sheets for roof waterproofing — Determination of flow resistance at elevated temperature*

EN 1296, *Flexible sheets for waterproofing — Bitumen, plastic and rubber sheets for roofing — Method of artificial ageing by long term exposure to elevated temperature*

EN 1548, *Flexible sheets for waterproofing — Plastic and rubber sheets for roof waterproofing — Method for exposure to bitumen*

EN 1848-2, *Flexible sheets for waterproofing — Determination of length, width, straightness and flatness — Part 2: Plastic and rubber sheets for roof waterproofing*

EN 1849-2, *Flexible sheets for waterproofing — Determination of thickness and mass per unit area — Part 2: Plastics and rubber sheets for roof waterproofing*

EN 1850-2, *Flexible sheets for waterproofing — Determination of visible defects — Part 2: Plastic and rubber sheets for roof waterproofing*

EN 12311-2, *Flexible sheets for waterproofing — Determination of tensile properties — Part 2: Plastic and rubber sheets for roof waterproofing*

EN 13375, *Flexible sheets for waterproofing — Waterproofing of concrete bridge decks and other concrete surfaces trafficable by vehicles — Specimen preparation*

EN 13416, *Flexible sheets for waterproofing — Bitumen, plastic and rubber sheets for roof waterproofing — Rules for sampling*

EN 13596, *Flexible sheets for waterproofing — Waterproofing of concrete bridge decks and other concrete surfaces trafficable by vehicles — Determination of bond strength*