

Polymer modified bituminous thick coatings for water proofing - Determination of dimensional stability at high temperature

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 15818:2011 sisaldab Euroopa standardi EN 15818:2011 ingliskeelset teksti.

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English Version

Polymer modified bituminous thick coatings for waterproofing - Determination of dimensional stability at high temperature

Revêtements bitumineux épais modifiés aux polymères
pour imperméabilisation - Détermination de la stabilité
dimensionnelle à haute température

Kunststoffmodifizierte Bitumendickbeschichtungen zur
Bauwerksabdichtung - Bestimmung der Maßbeständigkeit
bei hohen Temperaturen

This European Standard was approved by CEN on 13 February 2011.

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Foreword

This document (EN 15818:2011) has been prepared by Technical Committee CEN/TC 361 "Project Committee — Polymer modified bituminous thick coatings for waterproofing — Definitions/requirements and test methods", the secretariat of which is held by DIN.

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of an identical text or by endorsement, at the latest by September 2011, and conflicting national standards shall be withdrawn at the latest by September 2011.

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1 Scope

This European Standard specifies a procedure for determining the dimensional stability at a high temperature of polymer modified bituminous thick coatings for 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.

FprEN 15814:2011, *Polymer modified bituminous thick coatings for waterproofing — Definitions and requirements*

ISO 554, *Standard atmospheres for conditioning and/or testing — Specifications*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in FprEN 15814:2011 and the following apply.

3.1 coating system

bitumen coating material to be applied to the substrate

3.2 flow resistance

stability of polymer modified bituminous thick coating specimens to be suspended vertically with a temperature of $(70 \pm 2) ^\circ\text{C}$ without its coating moving

3.3 metal plate

plate to which a bitumen coating is applied

4 Principle

After coating the substrate, the specimen is given in a defined temperature of a period of at least 2 h in a vertical position.

After that time a visual judgement is made whether there are changes of the coating.

5 Apparatus

5.1 Drying oven.

5.2 Metal plates with a size of approximately 100 mm × 100 mm.

5.3 Device (or support), that allows a vertical position of the metal plates.