

**Polymer modified bituminous thick coatings for
waterproofing - Resistance to compression**

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EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 15815:2011 sisaldab Euroopa standardi EN 15815:2011 ingliskeelset teksti.

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ICS 91.100.50

English Version

Polymer modified bituminous thick coatings for waterproofing - Resistance to compression

Revêtements bitumineux épais modifiés aux polymères
pour imperméabilisation - Résistance à la compression

Kunststoffmodifizierte Bitumendickbeschichtungen zur
Bauwerksabdichtung - Beständigkeit gegen Stauchung

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

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Foreword

This document (EN 15815:2011) 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of an identical text or by endorsement, at the latest by September 2011, and conflicting national standards shall be withdrawn at the latest by September 2011.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 resistance to compression 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.

EN 206-1, *Concrete — Part 1: Specification, performance, production and conformity*

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 apply.

4 Principle

After coating the substrate and conditioning the test specimen is placed in a test rig. After then the surface of the coated substrate is stressed with a constant load till a stabilization of the reduction of thickness is reached.

5 Apparatus

5.1 Flat base with a diameter equal to or greater than 10 mm (accuracy of 10 µm) to measure the thickness of layers prior to loading.

5.2 Test rig, capable of exerting a constant pressure on a surface over an extended period of time.

5.3 Extensometer or vernier calliper (accuracy of 10 µm), measuring marks, micrometer.

5.4 Metal or a plastic frame or a screed template.

5.5 Concrete support/loading platens with an area greater or equal than 20 cm × 20 cm and with a thickness greater or equal than 4 cm thick, minimum 28 days old, minimum quality C 20/25 in accordance with EN 206-1. The upper and lower surfaces of the support/platens are ground so as to be flat and parallel to each other.

6 Test specimens

6.1 General

Squared test specimen with a size of approximately 20 cm × 20 cm.