DIN EN 13859-1:2014-07 (E)

Flexible sheets for waterproofing - Definitions and characteristics of underlays - Part 1: Underlays for discontinuous r oofing

Contents

Page

Foreword 4

1 Scope 5

2 Normative references 5

3 Terms and definitions 6

4 Product characteristics 7
4.1 General 7
4.2 Dimensions, straightness and mass per unit area 7
4.3 Application related characteristics 7
4.4 Dangerous substances 8

5 Testing 9
5.1 Sampling 9
5.2 Test methods 9

6 Assessment and verification of the constancy of performance - AVCP 11
6.1 General 11
6.2 Type testing 11
6.3 Factory production control (FPC) 12

7 Product data sheet 16

8 Marking, labelling and packaging 16

Annex A (normative) Determination of tensile properties 18

A.1 General 18
A.2 Apparatus 18
A.3 Sampling 18
A.4 Preparation of test specimens 18
A.5 Procedure 18
A.6 Expression and evaluation of results 19
A.7 Test report 20

Annex B (normative) Determination of resistance to tearing 21

B.1 General 21
B.2 Apparatus 21
B.3 Sampling 21
B.4 Preparation of test specimens 21
B.5 Procedure 21
B.6 Expression and evaluation of results 22
B.7 Test report 22

Annex C (normative) Artificial ageing by exposure to UV and heat 23

C.1 General 23
C.2 Principle 23

C.3 Apparatus 23
C.4 Preparation of test specimens 23
C.5 Procedure 24
C.6 Expression of results 24
C.7 Test report 24

Annex D (normative) Product type determination and frequencies of testing for factory production control 26

Annex E (informative) Example of a product data sheet 28

Annex F (normative) Determination of the watertightness of seams 30

F.1 General 30
F.2 Terms and definitions 30
F.3 Procedure 30
F.4 Apparatus 30
F.5 Preparation of the test specimens 30
F.6 Procedure 31
F.7 Evaluation 31
F.8 Test report 31

Annex ZA (informative) Clauses of this European Standard addressing provisions of the EU Construction Products Regulation (CPR) 32

ZA.1 Scope and relevant characteristics 32

ZA.2 Procedures for AVPC of the flexible sheets for underlays 33

ZA.2.1 Systems of AVPC 33

ZA.2.2 Declaration of performance (DoP) 35

ZA.2.2.1 General 35

ZA.2.2.2 Content 36

ZA.2.2.3 Example of DoP 37

ZA.3 CE marking and labelling 39

Bibliography 42