DIN EN 13956:2013-03 (E)

Flexible sheets for waterproofing - Plastic and rubber sheets for roof waterproofing - Definitions and characteristics

Contents

Page

Foreword 3

1 Scope 4

2 Normative references 4

3 Terms and definitions 5

4 Roofing system related characteristics 7

5 Product characteristics 7
5.1 General 7
5.2 General characteristics 7
5.2.1 Visible defects 7
5.2.2 Dimensions, tolerances and mass per unit area 7
5.2.3 Watertightness 8
5.2.4 Effects of liquid chemicals including water 8
5.2.5 Fire performance 8
5.2.6 Hail resistance 9
5.2.7 Joint strength 9
5.2.8 Water vapour properties 9
5.2.9 Tensile properties (strength and elongation) 9
5.2.10 Resistance to impact 9
5.2.11 Resistance to static loading 9
5.2.12 Tear resistance 10
5.2.13 Resistance to root penetration 10
5.2.14 Dimensional stability 10
5.2.15 Foldability at low temperature 10
5.2.16 Behaviour following exposure to UV radiation, elevated temperature and water 10
5.2.17 Resistance to ozone 10
5.2.18 Exposure to contact with bitumen 10
5.3 Dangerous substances 11

6 Evaluation of conformity 11
6.1 General 11
6.2 Type testing 11
6.3 Factory production control (FPC) 11
6.3.1 General 11
6.3.2 Frequency of testing 12

7 Product data sheet 12

8 Marking, labelling and packaging 12

Annex A (normative) Applicability of characteristics 14

Annex B (normative) Initial type test and frequencies of testing for factory production control 16

Annex C (informative) Information about chemical resistance 17

Annex D (informative) Example of a product data sheet 19

Annex E (informative) Typical materials, structure of sheets and roofing systems 21

Annex ZA (informative) Clauses of this European Standard addressing the provisions of the EU Construction Products Directive 25

Bibliography 38