

# DIN EN 13956:2013-03 (E)

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

---

<b>Contents</b>		<b>Page</b>
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

<b>Annex E (informative) Typical materials, structure of sheets and roofing systems .....</b>	<b>21</b>
<b>Annex ZA (informative) Clauses of this European Standard addressing the provisions of the EU Construction Products Directive .....</b>	<b>25</b>
<b>Bibliography .....</b>	<b>38</b>