

# DIN EN 13967:2007-03 (E)

Flexible sheets for waterproofing - Plastic and rubber damp proof sheets including plastic and rubber basement tanking sheet - Definitions and characteristics (includes Amendment A1:2006)

---

| <b>Contents</b>  | <b>Page</b> |
|--|-------------|
| page 1 Scope .....   | 5           |
| 2 Normative references .....   | 5           |
| 3 Terms and definitions .....  | 6           |
| 4 Product designation .....  | 7           |
| 5 Product characteristics .....  | 7           |
| 5.1 General .....  | 7           |
| 5.2 Deviation from test sample dimensions .....  | 7           |
| 5.3 Visible defects .....  | 7           |
| 5.4 Dimensions and tolerances .....  | 7           |
| 5.5 Thickness and mass per unit area .....   | 7           |
| 5.6 Water tightness .....  | 8           |
| 5.7 Resistance to impact .....   | 8           |
| 5.8 Durability .....   | 8           |
| 5.8.1 Against ageing/degradation .....   | 8           |
| 5.8.2 Against chemicals .....  | 8           |
| 5.9 Compatibility with bitumen .....   | 8           |
| 5.10 Resistance to tearing (nail shank) .....  | 8           |
| 5.11 Joint strength .....  | 8           |
| 5.12 Water vapour transmission properties .....  | 9           |
| 5.13 Resistance to static loading .....  | 9           |
| 5.14 Tensile properties .....  | 9           |
| 5.15 Resistance to deformation under load .....  | 9           |
| 5.16 Reaction to fire .....  | 9           |
| 5.17 Dangerous substances .....  | 9           |
| 6 Evaluation of conformity .....   | 10          |
| 6.1 General .....  | 10          |
| 6.2 Type testing .....   | 10          |
| 6.2.1 General .....  | 10          |
| 6.2.2 Sampling .....   | 10          |
| 6.3 Factory production control (FPC) .....   | 10          |
| 6.3.1 General .....  | 10          |
| 6.3.2 Frequency of testing .....   | 10          |
| 7 Product data sheet and designation .....   | 12          |
| 8 Marking, labelling and packaging .....   | 12          |
| Annex A (informative) Product designation, typical materials and structure of sheets ..... | 13          |
| A.1 Typical materials .....  | 13          |
| A.1.1 General .....  | 13          |
| A.1.2 Plastics .....   | 13          |
| A.1.3 Rubbers .....  | 13          |
| A.1.4 Thermoplastic rubbers .....  | 13          |

|  |           |
|--|-----------|
| <b>Annex B (normative) Method of measuring the resistance of ventilating and draining damp-proof sheets to deformation under load .....</b>  | <b>14</b> |
| <b>B.1 Principle .....</b>   | <b>14</b> |
| <b>B.2 Apparatus .....</b>   | <b>15</b> |
| <b>B.3 Preparation of test samples and test specimens .....</b>  | <b>16</b> |
| <b>B.3.1 Sampling .....</b>  | <b>16</b> |
| <b>B.3.2 Preparation of test specimens .....</b>   | <b>16</b> |
| <b>B.4 Procedure .....</b>   | <b>16</b> |
| <b>B.5 Expression of results .....</b>   | <b>17</b> |
| <b>B.6 Test report .....</b>   | <b>17</b> |
| <b>Annex C (normative) Method of testing for the accelerated ageing of damp-proof sheets in an alkaline environment .....</b>                | <b>18</b> |
| <b>C.1 Principle .....</b>   | <b>18</b> |
| <b>C.2 Apparatus .....</b>   | <b>18</b> |
| <b>C.3 Sampling and test specimens .....</b>   | <b>18</b> |
| <b>C.4 Procedure .....</b>   | <b>18</b> |
| <b>C.4.1 Accelerated ageing .....</b>  | <b>18</b> |
| <b>C.4.2 Evaluation .....</b>  | <b>19</b> |
| <b>C.5 Test report .....</b>   | <b>19</b> |
| <b>Annex D (informative) Example of product data sheet .....</b>   | <b>20</b> |
| <b>Annex ZA (informative) Clauses of this European Standard addressing essential requirements or other provisions of EU Directives .....</b> | <b>22</b> |
| <b>Bibliography .....</b>  | <b>29</b> |