

# DIN EN 15998:2020-11 (E)

## Glass in building - Safety in case of fire, fire resistance - Glass testing methodology for the purpose of classification

---

| <b>Contents</b>  |  | <b>Page</b> |
|--|--|-------------|
| European foreword .....  |  | 3           |
| Introduction .....   |  | 4           |
| <b>1</b>   | <b>Scope .....</b>   | <b>5</b>    |
| <b>2</b>   | <b>Normative references .....</b>  | <b>5</b>    |
| <b>3</b>   | <b>Terms and definitions .....</b>   | <b>6</b>    |
| <b>4</b>   | <b>Principles .....</b>  | <b>9</b>    |
| 4.1  | General .....  | 9           |
| 4.2  | Testing to determine fire resistance as a product characteristic for a glass ..... | 9           |
| 4.3  | Applicable fire resistance tests .....   | 9           |
| 4.4  | Glass products .....   | 10          |
| 4.5  | Classification report(s) .....   | 10          |
| <b>5</b>   | <b>Sampling .....</b>  | <b>10</b>   |
| 5.1  | General .....  | 10          |
| 5.1.1  | General remark .....   | 10          |
| 5.1.2  | Classification of a glass product .....  | 10          |
| 5.1.3  | Market application testing .....   | 10          |
| 5.2  | For determination of fire resistance as a product characteristic for a glass ..... | 11          |
| 5.2.1  | Classification of a glass product .....  | 11          |
| 5.2.2  | Market application testing .....   | 12          |
| 5.3  | Non-sampled test results .....   | 12          |
| 5.3.1  | General .....  | 12          |
| 5.3.2  | Classification of a glass product .....  | 12          |
| 5.3.3  | Market application .....   | 12          |
| 5.4  | Pre-existing test data .....   | 12          |
| <b>6</b>   | <b>Use of test data for the extended field of application (EXAP) .....</b>         | <b>12</b>   |
| <b>Annex A(informative) List of possible glass product standards (see 4.5) .....</b> |  | <b>13</b>   |
| A.1  | Monolithic basic or special basic glasses .....                                    | 13          |
| A.2  | Monolithic thermally toughened glasses .....                                       | 13          |
| A.3  | Laminated and laminated safety glasses .....                                       | 13          |
| A.4  | Insulating glass units .....   | 13          |
| A.5  | Coated glass .....   | 14          |
| <b>Annex B(informative) Market application testing .....</b>                         |  | <b>15</b>   |
| <b>Bibliography .....</b>  |  | <b>16</b>   |