

# DIN EN 14353:2017-09 (E)

## Metal beads and feature profiles for use with gypsum plasterboards - Definitions, requirements and test methods

---

| <b>Contents</b>                                                                                   |                                                                       | <b>Page</b> |
|---------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|-------------|
| European foreword .....                                                                           |                                                                       | 3           |
| Introduction .....                                                                                |                                                                       | 4           |
| 1                                                                                                 | Scope .....                                                           | 5           |
| 2                                                                                                 | Normative references .....                                            | 5           |
| 3                                                                                                 | Terms, definitions, symbols and abbreviations .....                   | 6           |
| 3.1                                                                                               | Terms and definitions .....                                           | 6           |
| 3.2                                                                                               | Symbols and abbreviations .....                                       | 7           |
| 4                                                                                                 | Requirements .....                                                    | 7           |
| 4.1                                                                                               | Reaction to fire .....                                                | 7           |
| 4.2                                                                                               | Flexural strength (expressed as bending behaviour) .....              | 8           |
| 4.3                                                                                               | Release of dangerous substances .....                                 | 8           |
| 4.4                                                                                               | Additional technical requirements .....                               | 8           |
| 4.5                                                                                               | Protective coating .....                                              | 8           |
| 4.6                                                                                               | Functional requirements .....                                         | 9           |
| 4.7                                                                                               | Dimensions and tolerances .....                                       | 9           |
| 5                                                                                                 | Test methods .....                                                    | 12          |
| 5.1                                                                                               | Sampling .....                                                        | 12          |
| 5.2                                                                                               | Dimensional measurements .....                                        | 12          |
| 5.3                                                                                               | Profile dimensions .....                                              | 15          |
| 5.4                                                                                               | Wing width .....                                                      | 15          |
| 5.5                                                                                               | Determination of expansion and movement .....                         | 15          |
| 5.6                                                                                               | Determination of breaking strength of paper tape .....                | 16          |
| 5.7                                                                                               | Determination of bending behaviour .....                              | 16          |
| 6                                                                                                 | Assessment and verification of constancy of performance -- AVCP ..... | 17          |
| 6.1                                                                                               | General .....                                                         | 17          |
| 6.2                                                                                               | Type testing .....                                                    | 17          |
| 6.3                                                                                               | Factory production control (FPC) .....                                | 18          |
| 7                                                                                                 | Designation .....                                                     | 19          |
| 8                                                                                                 | Marking, labelling and packaging .....                                | 20          |
| Annex A (informative) Sampling procedure for testing .....                                        |                                                                       | 21          |
| A.1                                                                                               | General .....                                                         | 21          |
| A.2                                                                                               | Sampling procedure .....                                              | 21          |
| Annex ZA (informative) Relationship of this European Standard with Regulation (EU) No.305/2011 .. |                                                                       | 23          |
| ZA.1 Scope and relevant characteristics .....                                                     |                                                                       | 23          |
| ZA.2 System of Assessment and Verification of Constancy of Performance (AVCP) .....               |                                                                       | 23          |
| ZA.3 Assignment of AVCP tasks .....                                                               |                                                                       | 23          |
| Bibliography .....                                                                                |                                                                       | 26          |