

DIN EN 845-3:2016-12 (E)

Specification for ancillary components for masonry - Part 3: Bed joint reinforcement of steel meshwork (includes Amendment A1:2016)

Contents

Page

| | |
|---|----|
| European foreword..... | 4 |
| 1 Scope | 5 |
| 2 Normative references..... | 5 |
| 3 Terms, definitions and symbols..... | 6 |
| 3.1 Terms and definitions | 6 |
| 3.2 Symbols..... | 7 |
| 4 Materials and types of products..... | 8 |
| 4.1 Materials..... | 8 |
| 4.2 Types of products..... | 11 |
| 4.2.1 General..... | 11 |
| 4.2.2 Welded wire meshwork..... | 11 |
| 4.2.3 Woven wire meshwork | 11 |
| 4.2.4 Expanded metal meshwork..... | 12 |
| 5 Requirements | 12 |
| 5.1 General..... | 12 |
| 5.2 Product applications and types..... | 13 |
| 5.2.1 Products for structural use..... | 13 |
| 5.2.2 Products for non-structural use..... | 13 |
| 5.3 Dimensions and limit deviations..... | 13 |
| 5.3.1 General..... | 13 |
| 5.3.2 Determination of wire size | 14 |
| 5.3.3 Determination of cross-sectional area | 14 |
| 5.3.4 Determination of other dimensions | 15 |
| 5.4 Mechanical strength..... | 15 |
| 5.4.1 Mechanical strength of bed joint reinforcement for structural applications | 15 |
| 5.4.2 Mechanical strength of bed joint reinforcement for non-structural applications..... | 16 |
| 5.5 Bond strength and anchorage length..... | 16 |
| 5.6 Durability | 16 |
| 5.7 Dangerous substances..... | 16 |
| 6 Description and designation | 17 |
| 7 Marking..... | 17 |
| 8 Assessment and verification of constancy of performance – AVCP..... | 18 |
| 8.1 General..... | 18 |
| 8.2 Type testing..... | 18 |
| 8.2.1 General..... | 18 |
| 8.2.2 Test samples, testing and compliance criteria | 19 |
| 8.2.3 Test reports..... | 19 |
| 8.2.4 Shared other party results..... | 19 |
| 8.3 Factory production control (FPC) | 20 |
| 8.3.1 General..... | 20 |
| 8.3.2 Requirements | 20 |

8.3.3 Product specific requirements..... 23

8.3.4 Procedure for modifications 24

Annex A (informative) Guidance on FPC frequencies 25

Annex ZA (informative) Clauses of this European Standard addressing the provisions of the EU Construction Products Regulation..... 26

ZA.1 Scope and relevant characteristics..... 26

ZA.2 System of Assessment and Verification of Constancy of Performance (AVCP) 27

ZA.3 Assignment of AVCP tasks 27

Bibliography..... 28