

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