

# DIN EN 845-3:2013-08 (E)

## Specification for ancillary components for masonry - Part 3: Bed joint reinforcement of steel meshwork

---

<b>Contents</b>		<b>Page</b>
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 .....	15
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 .....	17
6	Description and designation .....	17
7	Marking .....	18
8	Evaluation of conformity .....	18
8.1	General .....	18
8.2	Initial type tests .....	18
8.3	Factory production control .....	19
8.3.1	General .....	19
8.3.2	Testing and measuring equipment .....	19
8.3.3	Production equipment .....	19
8.3.4	Raw materials .....	19
8.3.5	Production process .....	19
8.3.6	Finished product testing .....	20
8.3.7	Statistical techniques .....	20
8.3.8	Marking and stock control of products .....	20

<b>8.3.9</b>	<b>Traceability .....</b>	<b>20</b>
<b>8.3.10</b>	<b>Nonconforming products .....</b>	<b>20</b>
<b>8.4</b>	<b>Sampling for initial type testing and independent testing of consignments .....</b>	<b>20</b>
<b>Annex A (informative) Guidance on FPC frequencies .....</b>		<b>22</b>
<b>Annex ZA (informative) Clauses of this European Standard addressing the provisions of the EU Construction Products Directive .....</b>		<b>23</b>
<b>ZA.1 Scope and relevant characteristics .....</b>		<b>23</b>
<b>ZA.2 Procedure(s) for the attestation of conformity of products .....</b>		<b>24</b>
<b>ZA.2.1 Systems of attestation .....</b>		<b>24</b>
<b>ZA.2.2 Declaration of conformity .....</b>		<b>25</b>
<b>ZA.3 CE marking and labelling .....</b>		<b>26</b>
<b>Bibliography .....</b>		<b>28</b>