DIN EN 846-14:2012-11 (E)

Methods of test f or ancillary components for masonry - Part 14: Determination of the initial shear strength between the prefabricated part of a composite lintel and the masonry above it

Contents

Page

Foreword 3

1 Scope 4

2 Normative references 4

3 Principle 4

4 Terms, definitions and symbols 5
4.1 Terms and definitions 5
4.2 Symbols 5

5 Materials 6
5.1 Masonry units 6
5.1.1 Conditioning of the units 6
5.1.2 Testing 6
5.2 Mortar 6
5.3 Prefabricated part of the composite lintel 6

6 Apparatus 6

7 Preparation and curing of specimens 7
7.1 Preparation of masonry specimen 7
7.2 Curing and conditioning of the specimens 8

8 Procedure 8
8.1 Placing the specimens in the testing machine 8
8.2 Loading 10
8.2.1 Procedure A 10
8.2.2 Procedure B 10
8.2.3 Loading rate 10
8.3 Measurements and observations 11
8.4 Replications 11

9 Calculations 11

10 Evaluation of results 12
10.1 Procedure A 12
10.2 Procedure B 12
10.2.1 General 12
10.2.2 Simple method 12
10.2.3 Statistical method 13

11 Test report 14

Annex A (informative) Types of failure 15

Bibliography 17