# DIN EN 13126-5:2015-01 (E)

## Building hardware - Hardware for windows and door height windows - Requirements and test methods - Part 5: Devices that restrict the opening of windows and door height windows (includes Amendment A1:2014)

## Contents

Page


Foreword ..... 3

1 Scope ..... 4

2 Normative references ..... 4

3 Terms and definitions ..... 4

4 Classification ..... 5
4.1 General ..... 5
4.2 Category of use (1 - first digit) ..... 5
4.3 Durability (2 - second digit) ..... 5
4.4 Mass (3 - third digit) ..... 5
4.5 Fire resistance (4 - fourth digit) ..... 5
4.6 Safety in use (5 - fifth digit) ..... 5
4.7 Corrosion resistance (6 - sixth digit) ..... 6
4.8 Security (7 - seventh digit) ..... 6
4.9 Application (8 - eighth digit) ..... 6
4.10 Test sizes - Size limitations (9 - ninth digit) ..... 7
4.11 Example of classification for devices that restrict the opening of windows ..... 8

5 Requirements ..... 8
5.1 General ..... 8
5.2 Initial opening test ..... 9
5.3 Durability test ..... 9
5.4 Mechanical strength test ..... 10
5.5 Static load test ..... 10
5.6 Percussion test ..... 11
5.7 Impact test ..... 11
5.8 Cutting test ..... 11

6 Test equipment ..... 12

7 Test methods ..... 12
7.1 Samples ..... 12
7.2 Initial Opening test procedure ..... 12
7.3 Durability test ..... 13
7.4 Mechanical Strength test ..... 14
7.5 Static Load test procedure ..... 15
7.6 Percussion test procedure ..... 15
7.7 Impact test procedure ..... 15
7.8 Cutting test procedure ..... 15
7.9 Corrosion resistance ..... 16

Annex A (informative) Test equipment ..... 17

Annex B (normative) Test flow chart ..... 21

Bibliography ..... 22