

**Pürotehnilised tooted. Laval ja teatris kasutatav
pürotehnika. Osa 5: Katsemeetodid**

**Pyrotechnic articles - Theatrical pyrotechnic articles -
Part 5: Test methods**

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English Version

Pyrotechnic articles - Theatrical pyrotechnic articles - Part 5: Test methods

Articles pyrotechniques - Articles pyrotechniques destinés
au théâtre - Partie 5: Méthodes d'essai

Pyrotechnische Gegenstände - Pyrotechnische
Gegenstände für Bühne und Theater - Teil 5: Prüfverfahren

This European Standard was approved by CEN on 3 November 2012.

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Contents	Page
Foreword.....	4
1 Scope	5
2 Normative references	5
3 Terms and definitions	5
4 Test environment.....	5
4.1 General.....	5
4.2 Indoor.....	5
4.3 Outdoor.....	5
5 Apparatus	6
5.1 General.....	6
5.2 Timing device.....	6
5.3 Calliper.....	6
5.4 Ruler.....	6
5.5 Measuring tape.....	6
5.6 Wind speed meter.....	6
5.7 Masses including clamping device.....	6
5.8 Balance	6
5.9 Abrasive sheet	6
5.10 Temperature chamber	6
5.11 Clamping device	7
5.12 Devices for measuring of Effect-, Rising/Bursting-, Drop Height.....	7
5.13 Sound level meter.....	7
5.14 Shock apparatus.....	7
5.15 Goniometer.....	7
5.16 Frame	7
5.17 Ignition source	8
5.18 Transparent type size sheet	8
5.19 Striking surface.....	8
5.20 Burning time measurement – mould device	8
6 Test methods.....	8
6.1 Construction and stability	9
6.2 Design – Verification	10
6.3 Angle of ascent, effect-, rising/bursting-, drop height.....	11
6.4 Measurement of sound pressure level	11
6.5 Timing measurement.....	12

6.6	Measuring of labelling	13
6.7	Extinguishing of flames	13
6.8	Burning rate of composition	13
6.9	Projected Debris	13
6.10	Incandescent matter	13
6.11	Visual and Audible Inspections	14
6.12	Mechanical conditioning	14
6.13	Thermal conditioning	14
6.14	Striking surface test	15
6.15	Function test	15
6.16	Determination of tube angle	15
	Annex A (informative) Mechanical Conditioning (Shock Apparatus)	17
	Annex B (informative) Calculation methods for the angle of ascent, effect-, rising/bursting-, drop height	20
	Annex C (informative) Calculation method for minimum safety distance	24
	Annex D (informative) Overview of essential safety requirements and corresponding clauses of all parts of this European Standard	25
	Annex ZA (informative) Relationship between this European Standard and the Essential Requirements of EU Directive 2007/23/EC on the placing on the market of pyrotechnic articles	26
	Bibliography	27

Foreword

This document (EN 16256-5:2012) has been prepared by Technical Committee CEN/TC 212 "Pyrotechnic articles", the secretariat of which is held by NEN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by June 2013, and conflicting national standards shall be withdrawn at the latest by June 2013.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

For relationship with EU Directive(s), see informative Annex ZA, which is an integral part of this document.

This European Standard is one of the series of standards as listed below:

- EN 16256-1, *Pyrotechnic articles — Theatrical pyrotechnic articles — Part 1: Terminology*
- EN 16256-2, *Pyrotechnic articles — Theatrical pyrotechnic articles — Part 2: Categories of theatrical pyrotechnic articles*
- EN 16256-3, *Pyrotechnic articles — Theatrical pyrotechnic articles — Part 3: Requirements for construction and performance*
- EN 16256-4, *Pyrotechnic articles — Theatrical pyrotechnic articles — Part 4: Minimum labelling requirements and instructions for use*
- EN 16256-5, *Pyrotechnic articles — Theatrical pyrotechnic articles — Part 5: Test methods*

CEN/TC 212 has also developed European Standards for:

- Pyrotechnic articles — Fireworks Categories 1, 2 and 3
- Pyrotechnic articles — Fireworks, Category 4
- Pyrotechnic articles — Pyrotechnic articles for vehicles
- Pyrotechnic articles — Other pyrotechnic articles

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1 Scope

This European Standard specifies test methods. It is applicable to theatrical pyrotechnic articles of the generic types defined in EN 16256-1:2012, Clause 3.

NOTE In this document "Theatrical Pyrotechnic Articles" are referred to as "articles".

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 16256-1:2012, *Pyrotechnic articles — Theatrical pyrotechnic articles — Part 1: Terminology*

EN 16256-3:2012, *Pyrotechnic articles — Theatrical pyrotechnic articles — Part 3: Requirements for construction and performance*

EN 61672-1, *Electroacoustics — Sound level meters — Part 1: Specifications (IEC 61672-1)*

EN ISO 13385-1, *Geometrical product specifications (GPS) — Dimensional measuring equipment — Part 1: Callipers; Design and metrological characteristics (ISO 13385-1)*

ISO 6344-3, *Coated abrasives — Grain size analysis — Part 3: Determination of grain size distribution of microgrits P240 to P2500*

ISO 21948, *Coated abrasives — Plain sheets*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 16256-1:2012 apply.

4 Test environment

4.1 General

The test area shall be unobstructed and suitable for the accurate measurement of the required parameters. The test sample should be placed in the centre of the test area, as shown in the labelled instruction the manufacturers supplied or recommended equipment shall be used.

4.2 Indoor

The test area shall be indoors.

The function test for articles for indoor use may be carried out outdoors: see 6.15.2.

The test area shall be in an enclosed space, which is capable of limiting the movement of air. A means of extracting fumes shall be provided.

4.3 Outdoor

The test area shall be an outdoor site. If applicable, provisions shall be made at the centre of the test area for partially burying into the ground.

If applicable, insert support pole in the centre of the test area.

The measurement of the windspeed (5.6) shall be started before starting the function test and continue