



BoSpray

Acoustical spray plaster

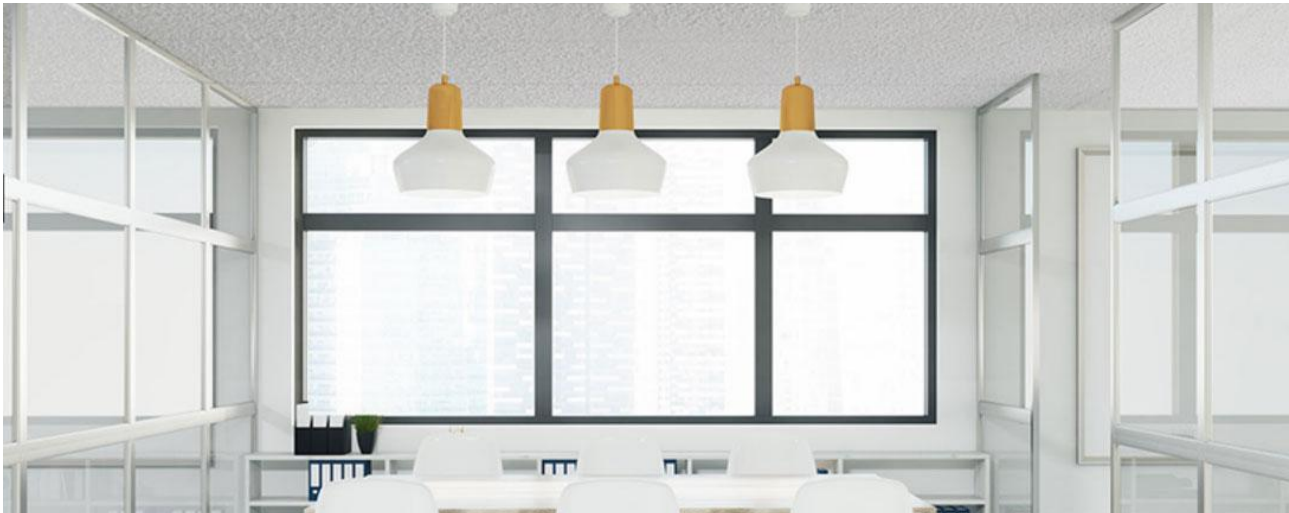
BOWIQ
beyond acoustics

Content

- 1) BoSpray the product
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- 3) Projects

The product

Acoustical spray plaster



BoSpray

Cellulose based acoustical spray plaster

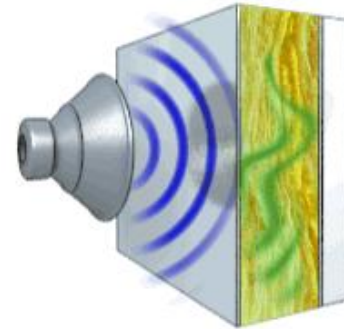
- 1) NRC(Noise Reduction Coefficient) = 0.65 – 1.00
- 2) Fire retardant Class A E84 & EN13501-1class B s1 d0
- 3) Standard colour range + RAL & custom colours
- 4) Recycled cellulose 80%
- 5)  LEED, BREEAM & WELL credits



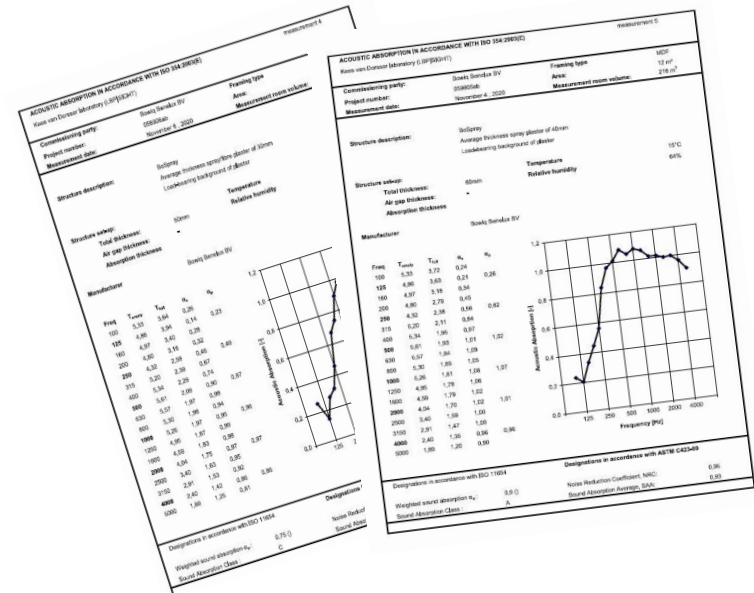
BoSpray

High sound absorption

1) NRC(Noise Reduction Coefficient) = 0.65 – 1.00



- ¾'(15mm): NRC 0.65(Class D)
 - 1'(25mm): NRC 0.85(Class C)
 - 1 ½'(37.5mm): NRC 0.85(Class B)
 - 40 mm: NRC 0.95(Class A)
 - 40 mm*: NRC 1.00(Class A)
- *Rib deck



TEST REPORT FOR BOWIJO BEA
Report No.: K1567.01-121-24
Date: 10/07/19

REPORT ISSUED TO
BOWIJO BENELUX BV
Hullenbergweg 278
1101 BV Amsterdam, The Netherlands

SECTION 1 SCOPE

Intertek Building & Construct Netherlands, to evaluate the fire behaviour of the product, BoSpray - cellulose based acoustic spray plaster, in relation to its reaction to fire classification report No 02811/18/200NZP

This report does not constitute endorsement by this laboratory or the test retention period. The test results, such as detailed records, are the property of the client and are not to be used for any other project or purpose.

SECTION 2 SUMMARY OF TEST RESULTS

Specimen I.D.: BoSpray bi

ASTM E84 Test Results
FLAME SPREAD INDEX

150

*See Section 8 for additional information

For INTERTEK B.C.C.
COMPLETED BY:

TITLE:

SIGNATURE:

DATE:

875 dde

Be
Tel

10

This report is for the client's use only. It is not to be used for any other project or purpose. The client is responsible for the results of the test and for the use of the report.

4.2 Classification

The product, BoSpray - cellulose based acoustic spray plaster, in relation to its reaction to fire behaviour is classified:

B

The additional classification in relation to smoke production is:

s1

The additional classification in relation to flaming droplets/particles is:

d0

The format of the reaction to fire classification for construction products excluding floorings and linear pipe thermal insulation products is:

Fire behaviour	Smoke production	Flaming droplets
B	s	d
-	1	0

i.e.: B-s1,d0

Reaction to fire classification: B-s1,d0

4.3 Field of application

This classification is valid for the product described in point 2 of this classification report. This classification is valid for the following substrates and air gaps:

- gypsum plasterboard and also substrates with fire classifications A1 and A2-s1,d0.
- no air gaps.

5 Limitations

This classification given remains valid as long as:

- Test method remains unchanged.
- Product standard or technical approval remains unchanged.
- Constructional or material modifications do not exceed limits of the field of application defined in 4.3.

This classification report has been issued in three copies (2 for Sponsor, 1 for archive of Fire Research Department of Building Research Institute). Additional signed copies can be issued by Fire Research Department of ITB on the request of the report's owner only. This classification document does not represent the approval or certification of the product.

Signed

Robert Blajda M.Sc. Eng.

Approved

ACTING HEAD
of Fire Research Department
Building Research Institute

Robert Blajda M.Sc. Eng.

ITB-JAR-001-2018

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BoSpray

3) Standard colour range + RAL & custom colours



BoSpray

4) Recycled cellulose 80%

- The material consist of 80% pre consumer recycled cellulose.
- It has a '**negative carbon foot print**' because it prevents waste paper to be burned which releases a high amount of CO₂.
- It gains credits for this within LEED V4



BoSpray

5)  LEED V4, BREEAM & WELL credits

 LEED V4 credits

- Recycled content,
- Low VOC emitting material
- Regional materials
- Renewable materials
- Acoustic performance
- No Red-list raw materials
- Avoidance of hazardous substances

BREEAM[®]

- HEA05, 1 credit(Acoustical performance)
- HEA02, 1 credit(Internal air quality)

BREEAM[®]



Overview

Characteristics	BoSpray
Fire rating Class A E84	✓
80% recycled pre consumer cellulose	✓
Wide colour range	✓
Sound absorption Class C @ 1'(25mm)	✓
LEED, BREAM & WELL Credits	✓
Low VOC emitting material	✓

Projects in Europe

Apple office Cork, Ireland



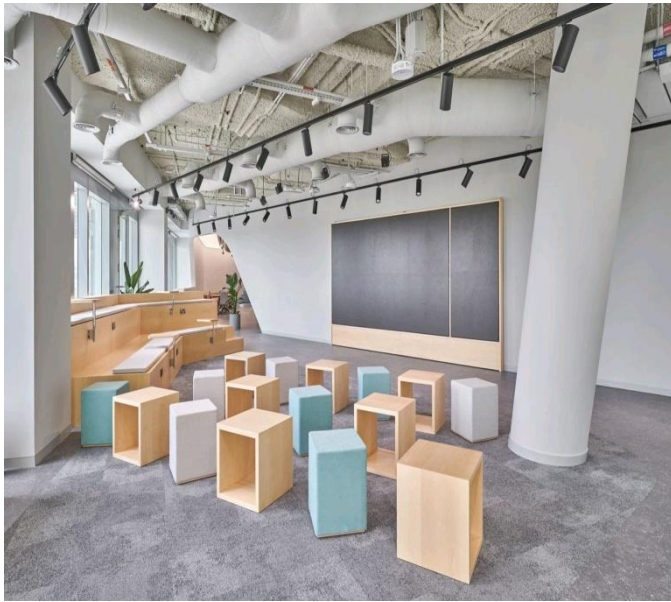
Office London, UK



Canary Warf office London, UK



ALTU office Dublin Ireland



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Middle East projects

Expo 2020 Siemen HQ, Dubai



DIFC Office, Dubai



Belgium pavilion Expo 2020, Dubai



Office in Abu Dhabi

Where we are

Head office
Sales office
Partners

