BoSpray

Acoustical spray plaster

BOWIQ
beyond acoustics

Datum versie

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beyond acoustics

Content

1) Who & where we are

2) BoSpray for swimming pools

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Who we are

Specialist in acoustical plaster systems

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Where we are

Head office
Sales office
Partners

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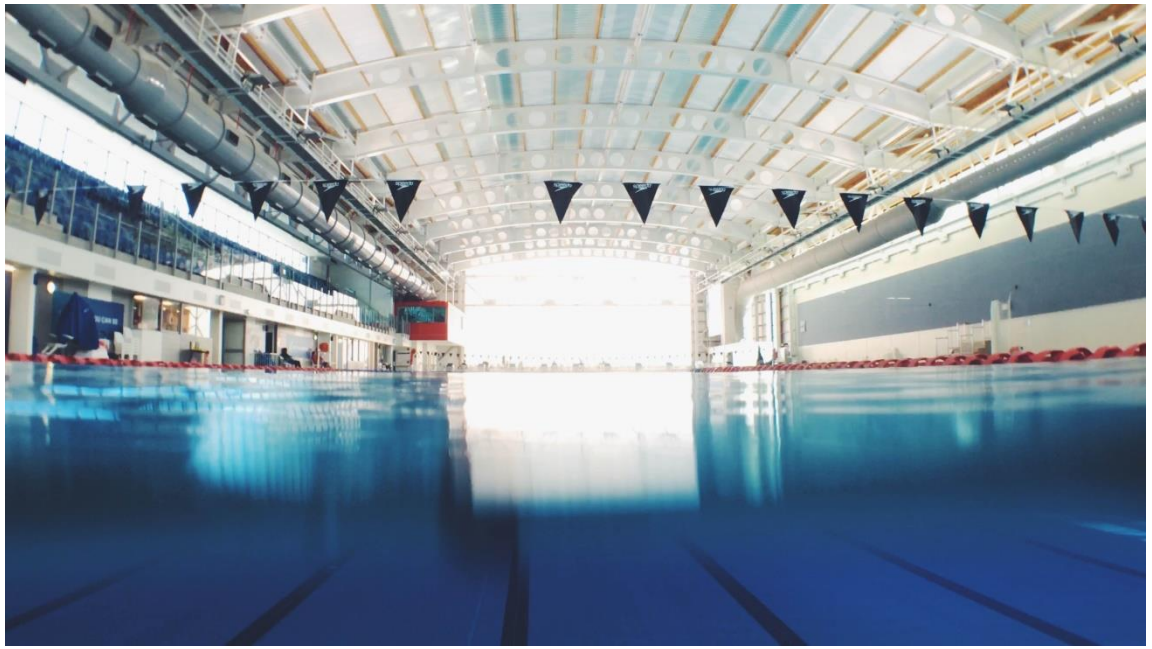
Swimming pools key issues

1) Acoustics
2) Fire rating
3) Condensation



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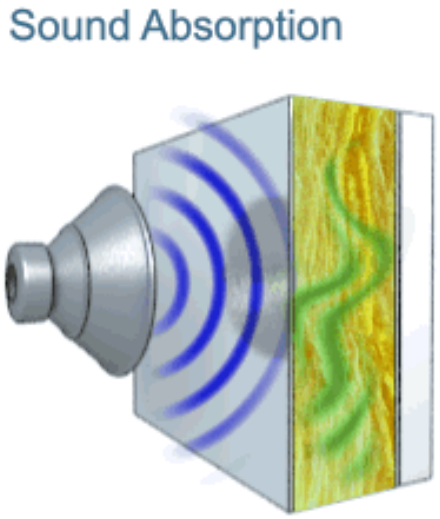
Acoustics in swimming pools

Principle

1) Sound waves need to be absorbed not reflected

2) Hard surfaces reflect and cause reverberation which creates discomfort



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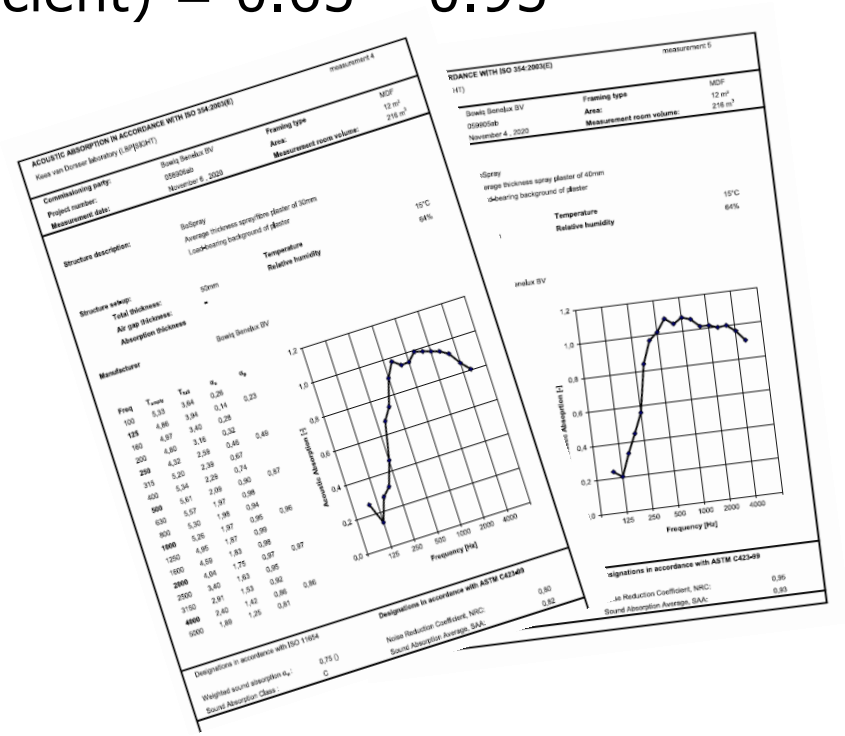
Hard surfaces reflect

BoSpray

High sound absorption

NRC(Noise Reduction Coefficient) = 0.65 – 0.95

15 mm: NRC 0.65
25 mm: NRC 0.75
37.5 mm: NRC 0.85
40 mm: NRC 0.95

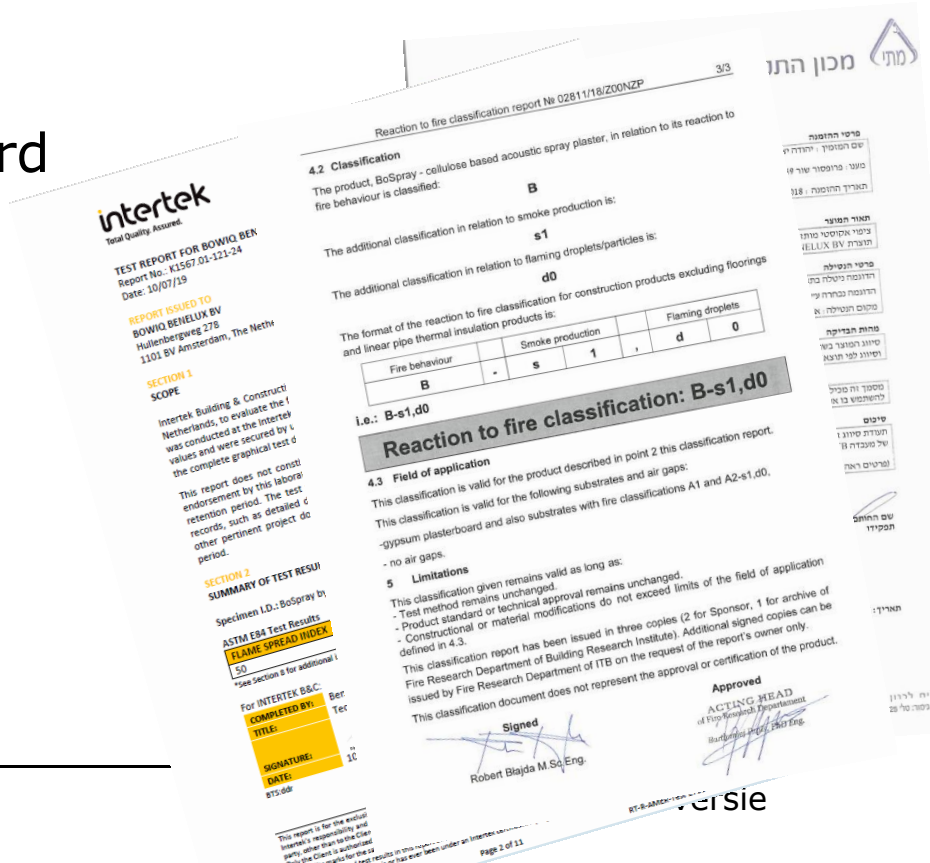


Swimming pools & Fire

BoSpray acoustical spray plaster

Fire retardant

EN13501-1, E84 & Israeli standard



intertek
Total Quality. Assured.

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

REPORT ISSUED TO
BOWIQ BENELUX BV
Hullenbergweg 278
1101 BV Amsterdam, The Neth

SECTION 1
SCOPE

Intertek Building & Construct
Netherlands, to evaluate the f
was conducted at the Intertek
values and were secured by v
the complete graphical test d

This report does not consti
endorsement by this laborat
retention period. The test
records, such as detailed d
other pertinent project do
period.

SECTION 2
SUMMARY OF TEST RESUI

Specimen I.D.: BoSpray by

ASTM E84 Test Results
FLAME SPREAD INDEX
50
*see section 5 for additional i

For INTERTEK B&C:
COMPLETED BY:
TITLE:
SIGNATURE:
DATE:
BTS.dot

Reaction to fire classification report № 02811/18/Z00NZP 3/3

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	1	,	d	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 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.

Approved
ACTING HEAD
of Fire Research Department

Signed
Robert Blajda M.Sc.Eng.

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מכון התו

versie

Condensation

Due to evaporation of water…

The chlorine water can have a negative affect on a range of surfaces. For example on metal surfaces corrosion could be stimulated

Condensation

The cellulose fibre has the ability to regulate the absorption and release of moisture.

Swimming pools key issues

BoSpray

1) Acoustics ✓
2) Fire rating ✓
3) Condensation ✓