

Sound Solutions.
BRILLIANT™ Acoustics.

- High performance acoustic wall and ceiling systems
- Sound absorption and sound insulation solutions
- Printable acoustic building materials and décor

BRILLIANT
WALL & CEILING SYSTEMS.

Seamless. Superior. Stunning.

BRILLIANT™ Acoustic solutions are an ideal combination of innovative technology and modern design.

What is BRILLIANT Acoustic?

BRILLIANT™ Acoustics are printable stretched wall and ceiling systems made up of a polyester lining with a polyurethane coating and invisible micro-perforations. Our system has a Class “A” NRC rating and is laboratory-tested for maximum sound absorption and insulation.

Seamless Sound Absorption

Unlike most other PVC stretch materials, BRILLIANT™ Acoustic system is installed at room temperature, and is mounted onto a proprietary profile system that spans the entire perimeter of the room. This ensures that all hardware is concealed to ensure a smooth, seamless appearance with superior sound control.

When combined with insulation, BRILLIANT Acoustic creates a Class A sound absorption solution that can dramatically enhance sound quality, reduce noise transference and room echoes.

Superior Sound Insulation

Thicker than traditional stretched wall and ceiling systems, BRILLIANT™ Acoustic materials are manufactured with a thick foam backing that is specially designed to absorb ambient noise and stop unwanted sound transmission.

Stunning Décor

A technology that the market has long been waiting for, The Brilliant Acoustic system is the perfect blend of digital print technology, which allows for an attractive and innovative design solution, and sound absorption.

The Benefits of Being BRILLIANT

BRILLIANT Acoustic wall and ceiling products:

- Offers high performance Class “A” sound absorption (NRC)
- Passes ASTM E-84 Standard Test Method (Flame Spread)
- Delivers smooth, seamless results
- Creates warm, attractive custom environments
- Designed for a perfect fit — no seams or sagging



- Constructed of eco-friendly materials
- Anti-Microbial and Mildew protection
- Does not crack, blister, or fade
- Provides thermal insulation
- Can be quickly and easily installed by a certified Installer

BRILLIANT for All Types of Building Projects

BRILLIANT Acoustics is ideal for any type of space, including:

- Commercial establishments such as restaurants, hotels, night-clubs, retail stores, and offices
- Medical buildings and environments with special needs such as hospitals, laboratories, wet rooms, and swimming pools
- Sports and entertainment venues, movie theaters, studios and concert halls
- Residential homes, apartments, and condominiums
- Renovations and new construction

A BRILLIANT Shade of Green

All of BRILLIANT Wall and Ceiling fabrics are constructed of non-flammable, non-toxic sheets of polyester that is made of 20% recycled polyester and is 100% recyclable. It is coated with a special 100% water-based PU-coating that is 90% biodegradable. No PVC, solvents or heavy metals are used during the manufacturing processes, ensuring a truly green product.

Sound Insulation / Noise Control

BRILLIANT Acoustic materials can be used in a variety of environments to prevent unwanted noise from traveling through walls, floors and ceilings.

For example:

Wall Type A : Drywall without insulation

Sound insulation level (Rw) between 20 and 30 dB

- *Solution 1:* Increase by 3–5 dB:
2 inch thick insulation + Brilliant Acoustic
- *Solution 2:* Increase by 5-8 dB:
Plasterboard + 2 inch thick insulation + Brilliant Acoustic

Wall Type B : Drywall with insulation

Sound insulation level (Rw) between 30 and 40 dB

- *Solution 1:* Increase by 4–7 dB:
Plasterboard + 2 inch thick insulation + Brilliant Acoustic



- *Solution 2:* Increase up to 10 dB:
Loose fill fiberglass insulation + 1 inch thick insulation + Brilliant Acoustic

Wall Type C : Partition walls between apartments

Sound insulation level (Rw) between 40 and 55 dB

- *Solution 1:* Increase of the wall insulation level by 15-25 dB
Loose fill fiberglass insulation + 1 inch thick insulation + Brilliant Acoustic

Sound Absorption / Acoustic Comfort

From sophisticated performance venues to bustling restaurants BRILLIANT Acoustic materials are an ideal and attractive way to create ambient, comfortable, echo-free environments.

Example 1:

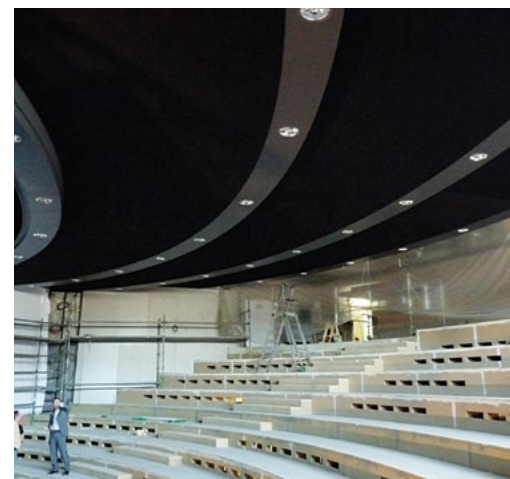
In an acoustically untreated entrance hall of a boutique hotel that measures approximately 35,000 cubic feet (65' x 32' x 15') the reverberation time* on medium frequencies is about 3 seconds.

By installing the Brilliant Acoustic System (Brilliant Acoustic ceiling + unencased, 1/2-inch half striped plates of PB38) decreases the reverberation time to about 0.7 seconds, reducing the noise level by approximately 8 dB(A).

Example 2:

In an acoustically untreated dining room of a contemporary restaurant that measures of 400,000 cubic feet (32' x 15' x 82') the reverberation time on medium frequency is about 4 seconds.

Covering 90% of the walls with the Brilliant acoustic system can decrease the reverberation time to about 0.4 seconds, reducing the noise level by approximately 10 dB(A). The reverberation time is the time the sound needs in a closed room, to reduce its intensity by 60 dB(A) after the acoustic source is gone.



To learn more visit www.brilliantceilings.com
or call 1.855.766.WALL (9255).

Laboratory Tested

General Noise Reduction Coefficients (NRC) for Common Building Material

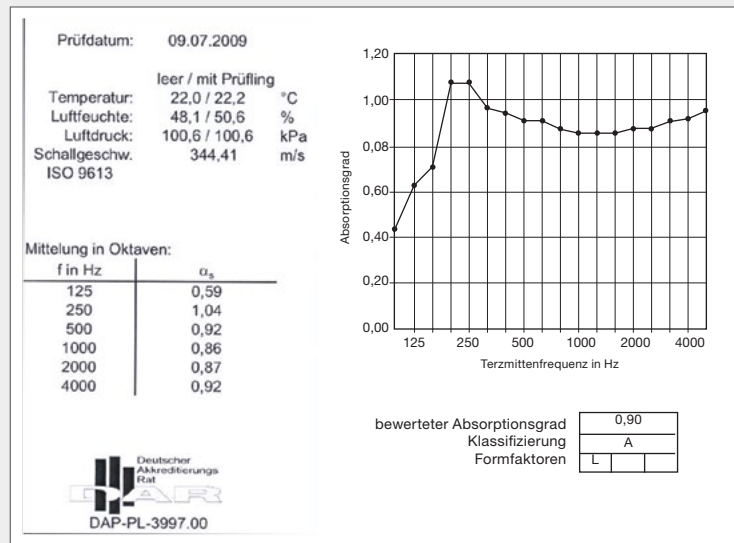
Material / Systems	NRC
Brick	0.05
Concrete	0.2
Wood	0.15
Gypsum Board	0.05
General Acoustic Panels	0.5
High NRC Acoustic Panels	0.7
Brilliant Acoustic System*	0.9

*Absorption Class A

Measurement of the sound absorption in a reverberating room:

Test material: BRILLIANT Acoustic System®

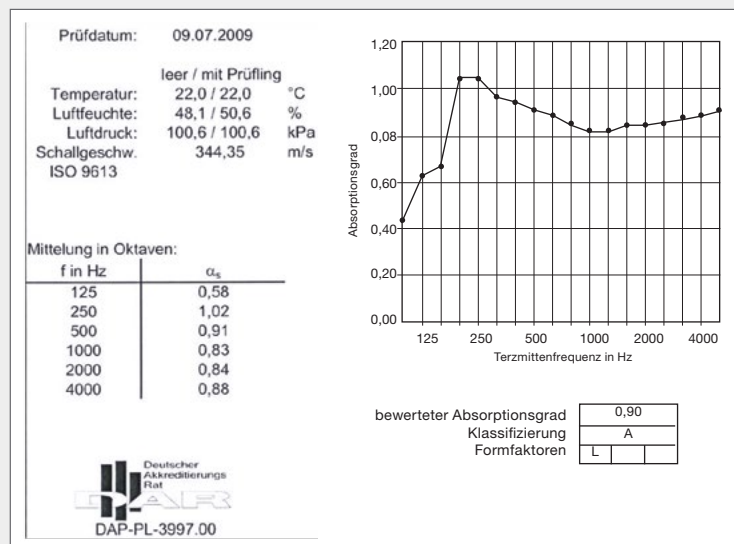
- Rating of the sound insulation in echo rooms
- Sound insulation grade according to DIN ISO 354: 2003-12
- Test material: BRILLIANT acoustic black/white



Measurement of the sound absorption in a reverberating room:

Test material: Brilliant Acoustic System® (Printed)

- Rating of the sound insulation in echo rooms
- Sound insulation grade according to DIN ISO 354: 2003-12
- Test material: BRILLIANT acoustic printed



Who is BRILLIANT?

BRILLIANT™ Wall and Ceiling Systems is an independent company that offers a fresh take on interior design and building. We specialize in the design, fabrication, training and installation of innovative wall and ceiling coverings and acoustical treatments for both residential and commercial spaces.

BRILLIANT's experienced team of building and design professionals are available to assist you in bringing to life a wide range of creative possibilities and unique interior design solutions using stretch wall and system products. To learn more visit www.brilliantceilings.com or call 1.855.766.WALL (9255).

For BRILLIANT Results:

Our national network of BRILLIANT Systems installers are all certified and trained in our state-of-the-art facility. To find a certified BRILLIANT System installer near you, please contact us at info@brilliantceilings.com.

Be BRILLIANT:

Are you a professional builder or distributor interested in being trained and certified to sell and/or install BRILLIANT Walls and Ceilings? Please contact us at info@brilliantceilings.com.

