

ARCHITECTURAL

CertainTeed
SAINT-GOBAIN



UNIQUE AESTHETICS MEET
SUPERIOR PERFORMANCE

Perforated Gypsum

SAINT-GOBAIN

Gyptone® BIG Acoustic Ceilings



Attractive seamless design combined
with excellent performance

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Acoustics



A life-changing impact.

Good acoustics is the key to successful spaces.

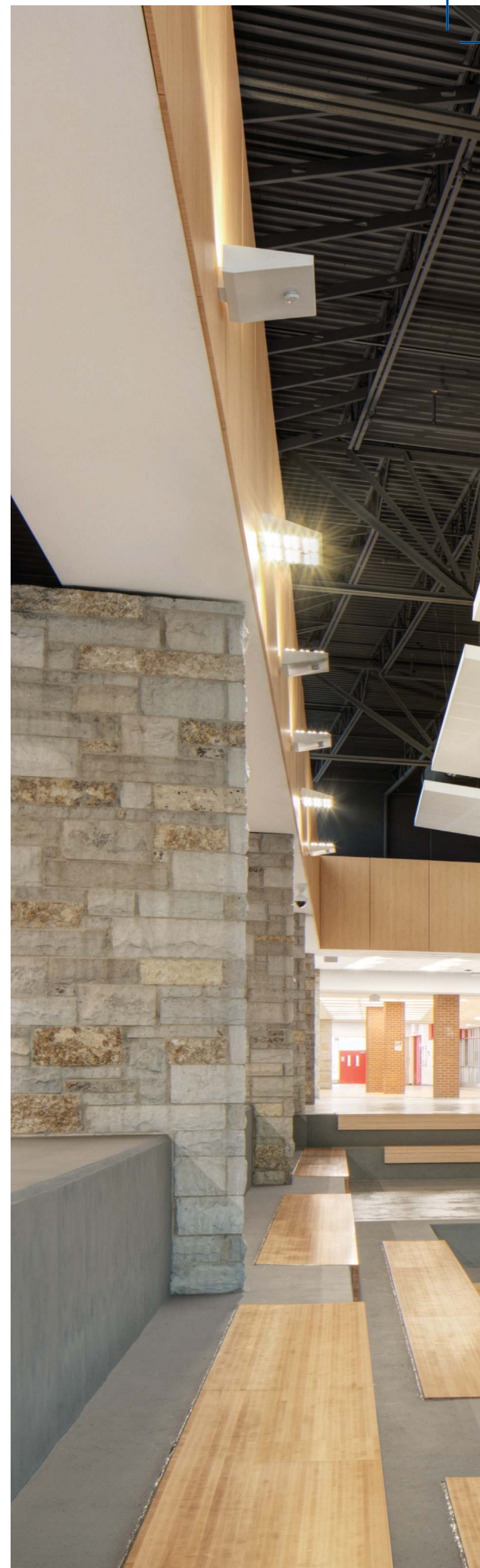
Within our acoustic gypsum portfolio we can absorb up to 85% of the sound that hits the surface, creating the perfect balance between sound absorption, sound diffusion and sound reflection. It is within this balance that you find the optimal acoustic comfort and the best promotion of speech clarity.

Sound reduction alone is simply not enough to deliver the acoustic comfort a modern-day construction demands.

Efficient sound absorption plays an important role in creating a healthy, collaborative and productive space. The effects of poor acoustics are not only unpleasant but can also lead to an increase in heart rate and blood pressure.

That's because when sound reduction is overdone, it can quickly damage speech clarity and create an unpleasant indoor climate. The optimal acoustic environment is not achieved by sound reduction, but by acoustic control. A control that is easily achieved when using Gyptone BIG.

A sound-regulated environment, where some sound waves are reflected while others are absorbed, ensures strong speech intelligibility and a pleasant acoustic environment. In practical terms, students sitting at the back of a sound-regulated classroom will hear their teacher just as clearly as those sitting at the front - ensuring a truly life-changing impact.





Strengthen your communication.

Poor acoustics can also be a major impediment to effective communication. Whether you're building a school, healthcare facility, office or hotel, communication and speech clarity is key.

Studies from the United States have shown that classrooms often have speech intelligibility ratings of 75% or less, meaning every fourth word is either misunderstood or not understood at all. This ultimately impacts students ability to concentrate and to learn.

But what is the answer? Significantly reducing the number of noise sources is unrealistic. So too - in the short-term at least - is decreasing the amount of hard surface materials used in modern construction methods.

There is, though, another way. By using high-class, sound absorbent materials such as Gyptone, it is possible to improve the control of noise levels and create positive and healthy acoustic environments and indoor climates.





Gyptone® BIG



A strong surface for even stronger connections: ideal for ceilings and walls.

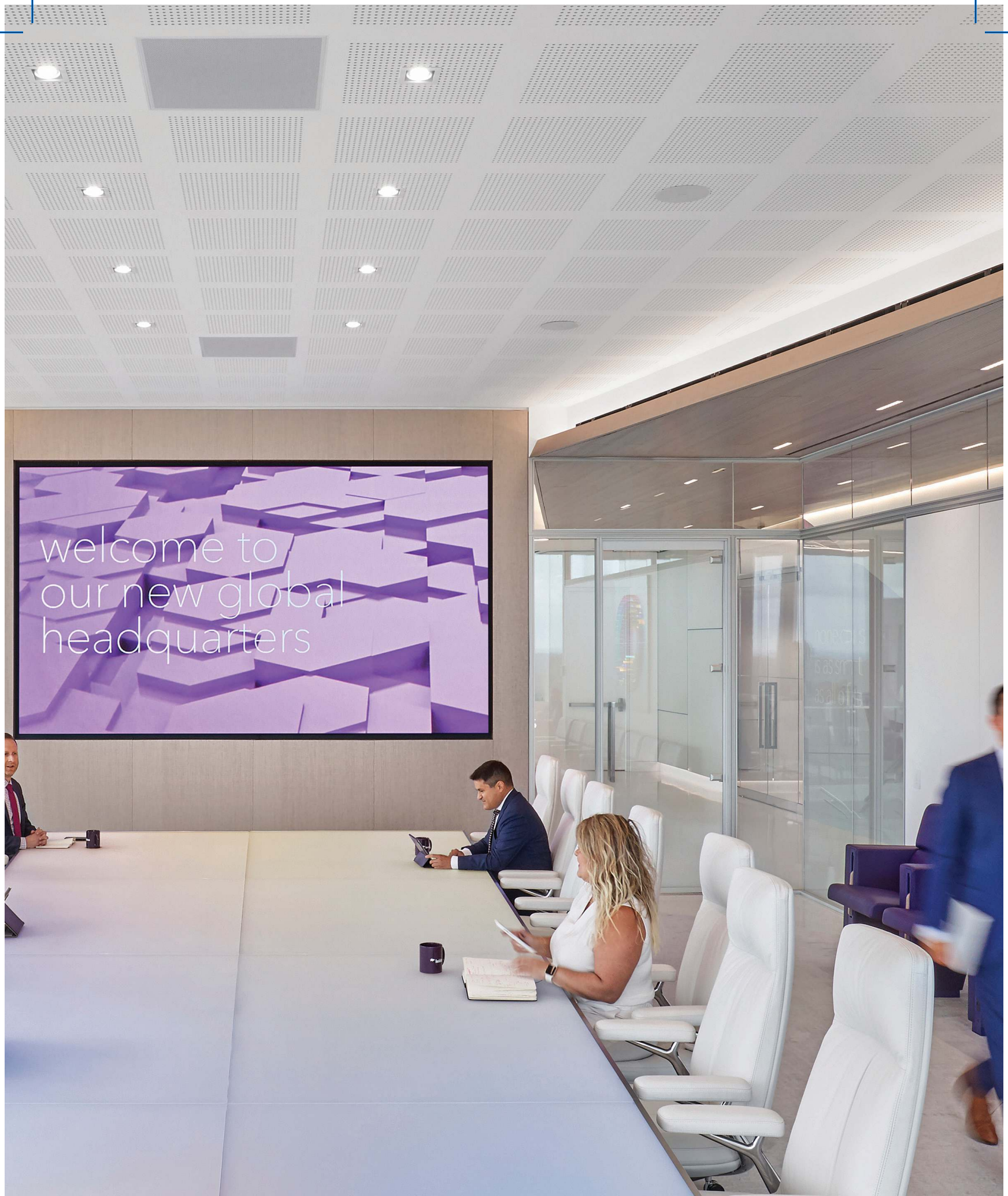
Design

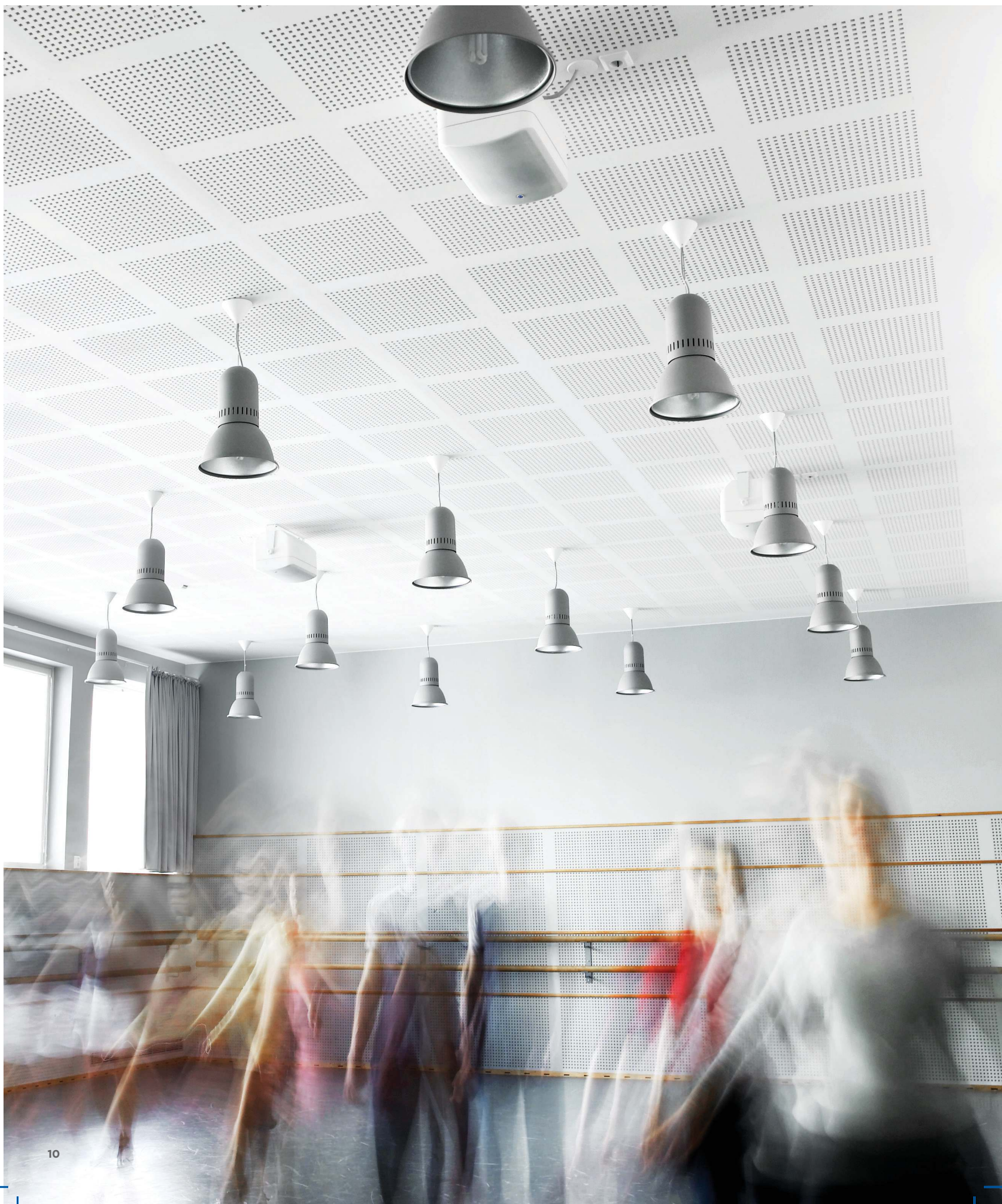
Combining functional excellence with aesthetic appeal.

Gyptone® Acoustic Ceilings and Walls looks as good as they make you feel. Both elegantly clean and dazzlingly dramatic, Gyptone is a lift to the senses, with a distinctive appearance, excellent sound absorption, improvement to air quality, and low environmental impact.

Achieve unique show-stopping impact with clean, contemporary aesthetics or dramatic visuals with a diverse portfolio of perforation options.







Indoor Air Quality

Cleaner indoor air quality.

You may not know it, but invisible pollutants surround us at almost every turn – especially indoors.

Traditional air pollution concerns have focused on high-density urban areas, where traffic is busy and CO₂-emission levels are considered dangerous. But there is still an indoor danger to tackle.

Construction materials, furniture, carpets, electronic equipment and items of clothing all emit volatile organic compounds (VOCs) such as formaldehyde. According to the World Health Organization (WHO), formaldehyde affects our health. High concentrations can cause cancer, nausea, headaches and other unpleasant symptoms – none of which should be part of a modern construction of a school, hospital, workplace or public space.

Today, Gyptone ceilings feature Activ'Air, a patented technology that actively breaks down up to 70% of the formaldehyde into harmless, non-volatile compounds. The effectiveness of the Activ'Air technology has been tested by the accredited Eurofins laboratory, and it has been proven to promote good health and wellbeing.

In fact, its effect has been shown to last for more than 50 years – creating a safe, welcoming and healthy indoor environment for generations to come. This best-in-class development also contributes to success in certifications such as Leadership in Energy and Environmental Design (LEED) and Building Research Establishment Environmental Assessment Method (BREEAM).



Sustainability



A sustainable approach to better acoustics.

Superb acoustics make a room come to life. The challenge is achieving those results with the minimum possible environmental impact.

That's why we've developed a sustainable approach that shapes every service we offer and product we make. Its principles are embedded at every stage of our product lifecycle, from raw material sourcing and production through recycling at the end of the building life.

We closely monitor the environmental impact of our products, using widely-accepted life cycle assessment (LCA) techniques to provide the transparency and meaningful data needed for comparisons by architects, builders and end-users.

Another part of our focus ensures we use environmentally-responsible raw materials in our manufacturing processes. All Gyptone products are 100% recyclable.

Our packaging can be recycled or re-used. And we constantly strive to reduce our consumption of energy, raw materials and packaging, making Gyptone acoustic ceilings one of the few solutions with a sustainable environmental impact.

Even after installation, our commitment to sustainability continues. All Gyptone products can be repainted again and again, without compromising the acoustic performance. Gyptone products can also help you secure high scores in international building schemes, such as LEED, BREEAM and DGNB.



RICHARDSON FAMILY ART GALLERY



Installation & Maintenance

Reduced installation and maintenance costs.

Choosing an acoustic ceiling or wall is a complex decision. Only by considering the total cost of ownership – not just the product cost, but also the cost of installation and maintenance – can you arrive at an informed choice.

Gyptone BIG's optimized format and beveled edges ensure a simple, fast and easy installation, with manuals and videos easily available on our website.

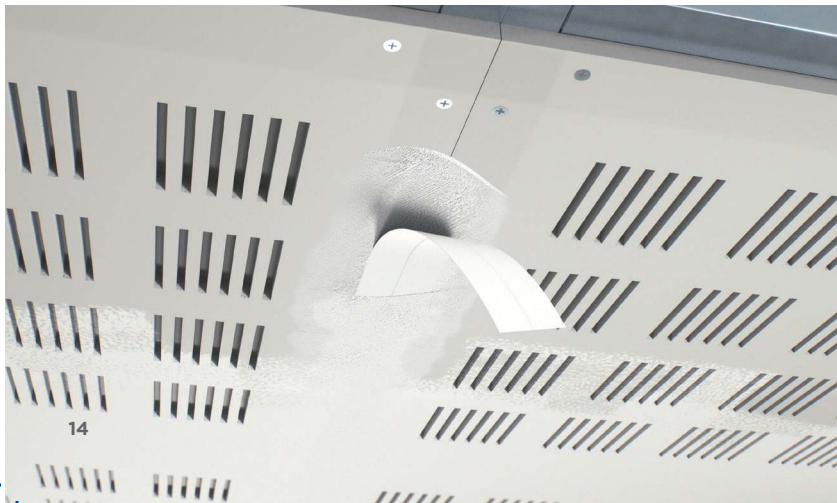
So as well as a smooth, strong and high performing solution, choosing Gyptone means your installation can be handled with speed and precision, while architects and owners alike will be thrilled with a consistent finish.

Easy access to technical installations.

Being able to maintain your building's core installation is also a priority. Gyptone Access Panels, which measure 510mm x 510mm, offer significantly better accessibility to ventilation and electrical installations. The minimized gap between the ceiling and hatch also makes them all but invisible to the casual viewer.

Maintaining a Gyptone ceiling is simple and straightforward. Once installed, they can be maintained using any normal cleaning practices and neutral cleaning solutions. You can even use a vacuum cleaner!

If you want to refresh your look, any board can be repainted with ease – as many times as you like. So whatever décor you choose, you can rest assured that the acoustic properties and fire safety support of your Gyptone BIG boards will not be affected.



Invisible joints are made possible due to our four tapered edges – a detail which is crucial for a strong and aesthetic end result.





Robustness, Durability & Fire Safety



The strong and safe choice.

When strength matters, Gyptone is the only solution to consider.

All Gyptone solutions, including Gyptone BIG, are strong, robust, and provide excellent pressure resistance. What's more, Gyptone BIG boards do not decompose over time – so you won't face the unwelcome prospect of paying for costly replacements in just a few years' time.

Gyptone BIG's flexibility is especially useful if you have a range of different installations to consider. But whatever design you choose, strength will not be a concern. Each Gyptone BIG board can be point-loaded with up to 3 kg/m².

With our standard jointing technique, you don't just benefit from a smooth and aesthetic result. You also get joints that are stronger than the Gyptone BIG board itself, meaning you can even point-load the area where you joint your Gyptone BIG ceiling or wall.

Finally, Gyptone BIG boards come complete with excellent fire protection properties. Our solutions are tested according to both EN 13501-1 and ASTM E84 standards, meeting and exceeding all of the necessary fire safety requirements both in terms of their reaction to fire and their fire protection qualities.

When it comes to ceilings and walls, Gyptone solutions are not just the strong, smart choice – they're the safe choice, too.

Get creative, too: each fully finished panel surface can be post-painted to suit any design.

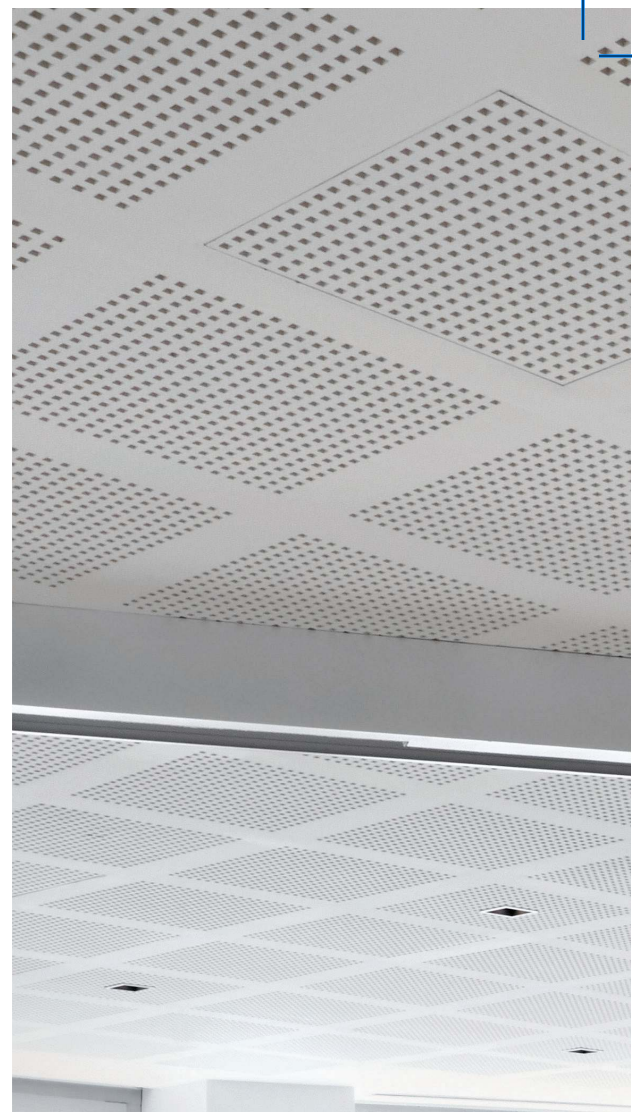
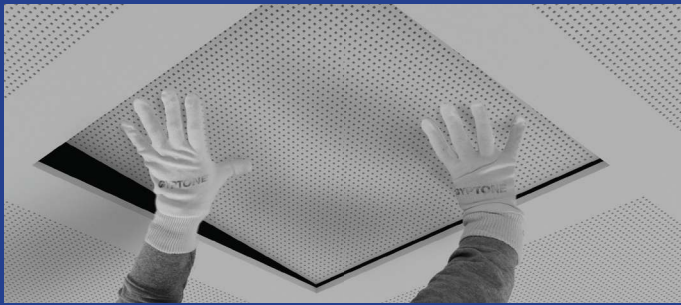


Easy Access



Understanding Access Panels.

Gyptone's Access Panel (510mm x 510mm) offers improved accessibility to ventilation and electrical installations. With the gap between the ceiling and hatch minimized, it is also hailed as 'practically invisible' to the common eye.











Product Portfolio



Gyptone® BIG Boards

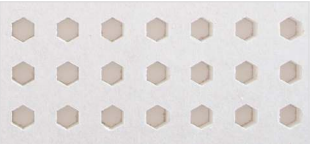
| Specifications Table | |
|----------------------|---|
| Dimensions | 1200 x 2400mm (≈47.25" x 94.5") 900 x 2700mm (≈35.4" x 106.3") |
| Thickness | 12.5mm (≈1/2") |
| Weight | 8 kg/m ² (≈1.64 lbs/ft ²) |
| Edge | Tapered |
| Color | Unpainted |
| Reaction to fire | ASTM E1264/CAN S102 Fire Class: Class A |



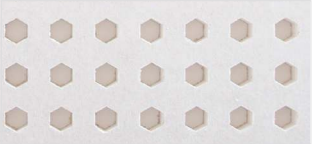
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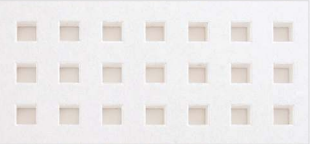
Quattro 41



Sixto 63



Sixto 65



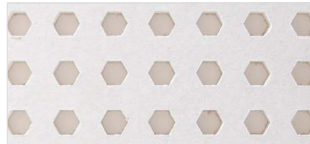
Quattro 46

Gyptone® BIG Curve Boards

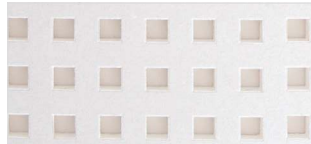
| Specifications Table | |
|----------------------|--|
| Dimensions | 1200 x 2400mm (≈47.25" x 94.5") |
| Thickness | 6.5mm (≈1/4") |
| Weight | 6.5 kg/m ² (≈1.33 lbs/ft ²) |
| Edge | Tapered (long edges) / Square (short edges) |
| Color | Unpainted |
| Reaction to fire | ASTM E1264/CAN S102 Fire Class: Class A |



Line 6



Sixto 63

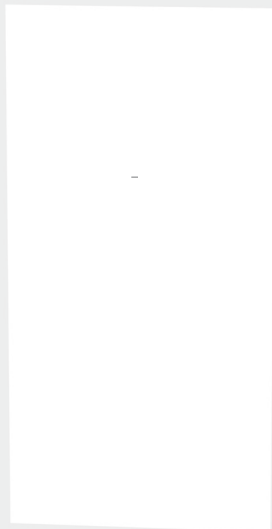


Quattro 41

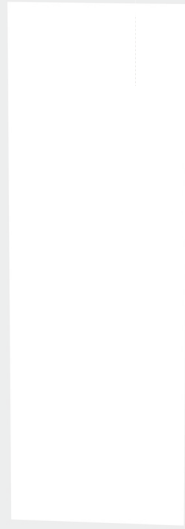
Gyptone® BIG Boards



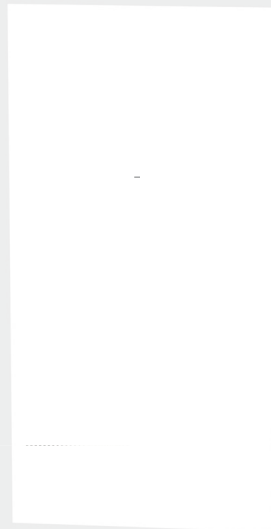
- Smooth, paintable surface, simplifies installation and maintenance
- Screw attach to CertainTeed Drywall Suspension System
- Complementary Gyptone lay-in ceiling panels available for each pattern
- Tapered edges for easy installation and finishing
- Suitable for wall applications
- Low VOC Compliant
- Meets seismic and other code requirements
- Class A flame spread



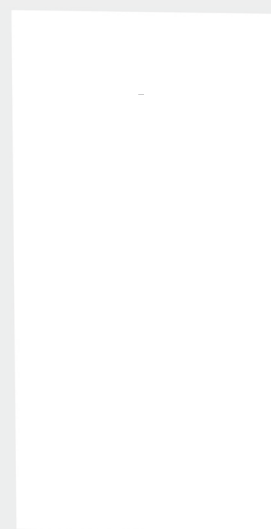
Gyptone BIG
Line 6



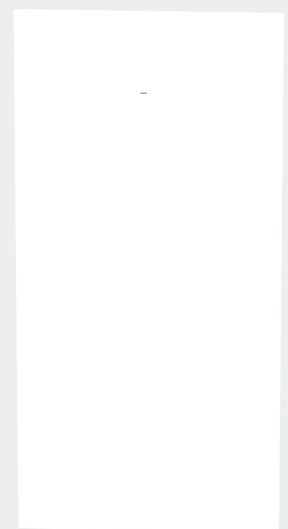
Gyptone BIG
Sixto 65



Gyptone BIG
Sixto 63



GyptoneBIG
Quattro 41



Gyptone BIG
Quattro 46

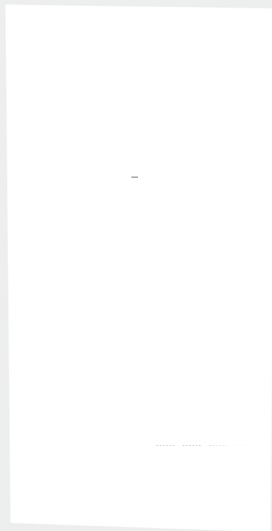
Gyptone ceilings feature Activ'Air, a patented technology that actively breaks formaldehyde down into harmless, non-volatile compounds.



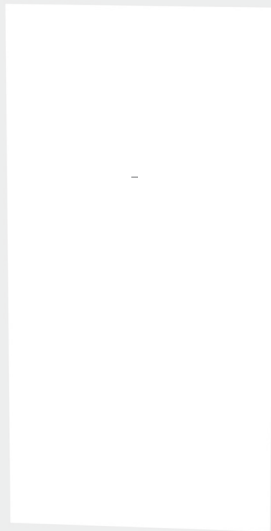
Gyptone® BIG Curve Boards



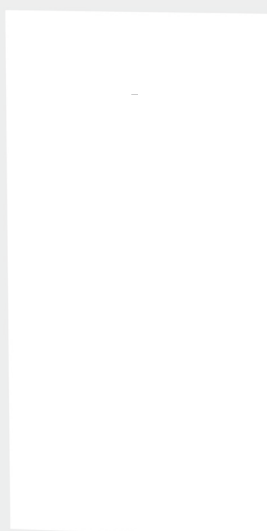
- Unique visuals with soft wave forms that can be easily integrated with lighting - Smooth, paintable surface
- 6.5mm thickness makes it easy to create curved shapes on site
- Can be curved to a 10' radius (dry) and a 5' radius (wet)
- Tapered edges on long sides only for easy finishing
- Sustainable, fully recyclable material



Gyptone BIG Curve
Line 6



Gyptone BIG Curve
Sixto 63



Gyptone BIG Curve
Quattro 41

There are many other options to customize your preferred board design. Please contact us for more information.



Gyptone® Perforated Gypsum



The ideal solution for any room that needs superior acoustics and unique design.



Gyptone® acoustic solutions can be used in nearly any room that requires excellent acoustics and design. Our systems provide a good indoor air quality and strong surfaces with a very long lifespan based on sustainable manufacturing. Gyptone® is produced and marketed by Saint-Gobain.

Gyptone Systems include:

Gyptone® Tiles • Gyptone® BIG boards • Gyptone® BIG Curve
Gyptone® Xtensiv • Gyptone® Plank

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