



REAPOR® APPLICATION EXAMPLES

Reapor® Applications

Highway barriers, Gymnasiums, Subways and other Transportation Facilities, Convention Centers, Swimming Pools, Schools, Firing Ranges, Power Stations, Offices, etc.

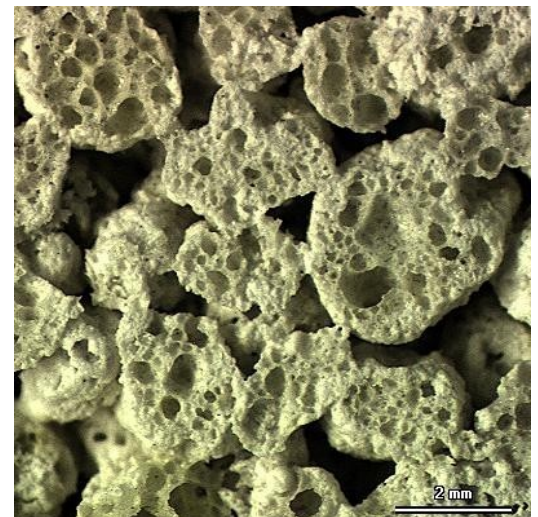


The Challenge

Traditional absorptive cores like fiberglass and mineral wool are fibrous. This may prohibit their use in indoor applications where fiber-free materials are mandated. Also outdoor applications are not possible.

The Reapor® Solution

A new porous sintered glass panel called Reapor® was developed from recycled glass that offers high sound absorption, and is fiber-free, rugged, non-combustible, moisture resistant and can be used indoors or outdoors. Reapor® can be machined with standard saws, routers and drills. The panels can be attached by gluing or pre-drilling and bolting in place. Edges can be chamfered or butted together. Reapor® can also be mounted to one or two sides of a concrete wall and used in traditional post and panel highway barrier construction. Colors can also be applied forming interesting patterns.



For other product information, technical assistance or ordering, please call
Sonic-Shield at 888-769-0766 or on-line at www.sonic-shield.com



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Reapor® Features

- High sound absorption
- Non-combustible
- Fiber-free
- Rigid and rugged
- Moisture resistant
- 100% recyclable
- Easily machined
- Lightweight

Reapor® Benefits

- Sintered glass offers high sound absorption over a broad frequency range, thus providing excellent control of reflection and excess reverberation
- Inorganic sintered glass is non-combustible, offering a fire-safe absorptive treatment
- The sintering process produces a fiber-free panel, which can be used wherever codes call for fiber-free products
- The panels are rigid and rugged offering a highly absorptive impact resistant surface
- Moisture resistance makes the panel ideal for humid indoor applications, like swimming pools and also outdoor applications
- The glass used to form the panels is all 100% recycled, satisfying US Green Building Council's LEED requirements and is environmentally friendly
- The panels can be machined with standard tools and commercial installation systems
- The light weight reduces any loading issues



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