



- Victaulic products promote the use of proper, comprehensive HVAC maintenance programs. Thus, efficient and maintained systems may use 15 to 20 percent less energy than systems allowed to deteriorate without regular maintenance, and could reduce total operating costs by as much as 50 percent.
- The Victaulic versatile grooved piping system is effective on a variety of piping systems, including the promotion of lighter wall pipe on a variety of applications. Lighter wall pipe can provide five to 10 percent more cross-sectional flows than welded pipe. Pipe couplings and fittings are designed to minimize friction, improve throughput and thus reduce power requirements at the pump.

Target 7: Maintenance

Requirement – Optimize maintenance needed and its environmental effect by facilitating its access and operations.

VICTAULIC SOLUTION:

- Victaulic joint design provides quick and easy access to piping systems thus allowing for continued use during routine maintenance, pipeline repair, or system expansion.
- Victaulic durable C-shaped cross-section seals can handle significant compressive cyclical loading. The Victaulic gasket can withstand repeated pressure and depressurization for many years without fatiguing the rubber.
- Access to the Victaulic grooved piping system is simple. Two coupling bolts are loosened allowing easy disassembly and removal of system parts for service or replacement, without the need to shut down the entire system. Victaulic allows quick and easy access for routine equipment maintenance, system expansion or pipeline repair, thus promoting proper maintenance programs for increased system energy efficiency.

Target 8: Hygrothermal Comfort (Heat and Cooling Comfort)

Requirement – Provide a comfortable thermal environment that promotes productivity and well being.

VICTAULIC SOLUTION:

- Victaulic provides a balancing valve system that enhances the overall project ventilation and air distribution flow.
- The Victaulic no-flame joining method promotes proper maintenance systems that can preserve indoor air quality during renovation or scheduled maintenance.

Target 9: Acoustic Comfort

Requirement – Reduce the likelihood of noise from new development affecting nearby noise-sensitive buildings.

VICTAULIC SOLUTION:

- Victaulic mechanical joining systems do not contribute to background noise, and provide significantly higher productivity and reduced sound during installation.
- Victaulic flexible couplings provide vibration attenuation in the following ways: pipe end separations, elastomer gaskets and ductile iron housings.
- Victaulic mechanical grooved pipe systems deliver unsurpassed vibration isolation and sound attenuation characteristics throughout the life of a system.

Target 13: Air Quality

Requirement – Reduce indoor air quality problems resulting from construction or renovation, and promote the comfort and well being of construction workers and building occupants.

VICTAULIC SOLUTION:

- Unlike welding that emits highly toxic pollutants, uses vast amounts of electrical energy and specialty gases, Victaulic flameless connections avoid impact on human safety and the environment.
- Health hazards such as skin burns and eye damage caused by exposure to ultraviolet radiation, carbon monoxide poisoning, emphysema and other pulmonary illnesses resulting from toxic fume inhalation are avoided.
- The Victaulic no-flame joining method promotes proper maintenance systems that can preserve indoor air quality during renovation or scheduled maintenance.

Conclusion

Victaulic saves time and money and enhances sustainability, not only by the manufacture of the products themselves, but through the Victaulic installation and maintenance processes. As discussed above, Victaulic may be involved in as many as seven HQE targets. Using Victaulic products in your pipe system may ensure excellent opportunities for HQE certification. Consult your local Victaulic representative for the right solution on your next sustainable building project.