



BULLETPROOF

When Terran Corporation determined their precast molds were not producing high-quality castings they reached out to Norwalk Precast Molds anxious to find a new supplier. With a focus on meeting their customers' strict standards, Norwalk Precast Molds welcomed the opportunity to manufacture a new solution.

Background Information

Terran Corporation Programs Manager Josh Brittingham knew he had to set out in search of a new solution to improve productivity both onsite and at their facility. Terran Corporation is an Ohio-based business that specializes in the patented design, manufacturing and construction of Shock Absorbing Concrete (SACON) structures. SACON is the safest, most flexible munitions containment system available while also being environmentally friendly! As co-inventors with the Army Corps of Engineers of the patented Shock Absorbing Concrete formulation, Terran Corporation is a licensed manufacturer and constructs SACON structures of all types for government, commercial and private clients. These consist of target protectors; small-arms shoot houses, bullet backstops, grenade houses and MOUT facilities. The complexity of these structures has necessitated Terran professionals to

develop many unique designs and methods for manufacturing and assembling SACON blocks and panels. Structures are typically a combination of standard blocks fit together to form backstops, frames, walls or expendable bullet traps. Custom shapes, figures and structures can also be made. A key benefit of SACON is the capability of capturing most small arms munitions and grenades. Terran's SACON process is mobile; allowing custom manufacturing at or near your site and SACON structures can even be "poured in place." Construction techniques are similar to conventional concrete allowing panels to interlock or overlap for complete bullet containment.

Terran's Requirements

After serving 4 years in the United States Marine Corps and completing a tour in Iraq, Josh sought out an opportunity that would give him a sense of continued service for our country. He was presented the chance to provide urban assault training facilities to our nation's military.

While working with Terran Corporation Josh realized they needed high quality castings for the projects they undertook for the military projects. Their current lineup of molds was not producing exceptional finished castings



and the castings were time consuming to install. This drove Terran Corporation to search for a new mold manufacturer that could help with overall quality and efficiency.

Working Together

Norwalk Precast Molds and Terran Corporation met in person to discuss mold options. Both companies took advantage of their close proximity to one another to meet and review essential details. We were able to communicate complex ideas and allow Josh to express exactly what Terran Corporation needed to improve their operation. Every project that Terran Corporation takes on has a unique design with a high level of quality. They also wanted the new molds to cut down on their labor costs and to improve the installation process while onsite. The ability to design a custom mold that fits their unique process is one of the many reasons Terran Corporation chose Norwalk Precast Molds.

Finished Product

Upon receiving their first order of molds, Terran was impressed with the dimensional tolerances and straightness of the finished castings produced from Norwalk Precast's molds. The ability to review 3D model images

of the molds before they went into production ensured Terran Corporation their new molds would function exactly how they needed. "The quality of the molds far outweighed the competition" Josh Brittingham said. "The sales and design process were very professional and seamlessly transitioned us into the great finished product we are producing today." The installation time was immensely cut down using the new molds for each project.



Norwalk Precast Molds has been serving a variety of industries since 1906, specializing in septic tanks, burial vaults, median barriers, farm products, utility products and custom molds. The commitment to product development and cost-effective manufacturing remains as fresh and focused as it was in the beginning of the last century. Quality products, engineered with attention to detail, continue to bring customers back to Norwalk Precast Molds time and time again. For additional information on Norwalk Precast Molds full product line or help with your custom needs, call: (419) 668-1639 email: email@norwalkprecastmolds.com, send a fax: (419) 668-9156, or visit us on the web at www.norwalkprecastmolds.com.

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