

Polyurea Coatings and Applications

Experience counts.

DivCon is certified and highly trained in the application of Polyurea. This remarkably durable and flexible substance not only protects, but also can be used as a long- or short-term repair on steel structures. However, Polyurea is only as good as proper preparation of the surface and professional application of the material. That takes a major investment in state-of-the-art equipment and a commitment to specialize training, both of which DivCon has made. In fact, a major manufacturer of Polyurea has extended its "Preferred Vendor Status" to DivCon, making it the only certified company in the southeast to apply this unique product. While the focus of DivCon's business is with large industrial and manufacturing clients, we welcome even the smallest jobs. We also pride ourselves for delivering your job on time and on budget.

Make durable repairs possible in minutes.

Polyurea has proven to be a fast and efficient solution for hole and patch repairs on steel. It is an excellent alternative to traditional repair methods that take much longer. Prior to Polyurea, the patching process involved cutting out and removing the damaged area, fabricating a patch, fitting and weld out, sandblast, prime, and topcoat to finish. With Polyurea, the process is simple. The damaged area is first sand blasted. Next, a backing material is placed on inside of the damage area or hole. Polyurea is then applied and, in minutes, dries to a highly durable, flexible, and watertight seal. This two-component, self-vulcanizing product is amazingly versatile and can be applied as a semi-smooth or textured finish on most any surfaces or materials. So, instead of the old repair process, next time allow us to use Polyurea to make your repairs!

Prevention is the best policy.

Ideally, preventing damage before it occurs saves you money in the long run. So coating your equipment or exposed steel before it begins to corrode makes a lot of sense. Its high abrasion resistance makes Polyurea ideal for coating open containers, utility trailers, dump truck beds, roll-off containers, garbage/medical waste dumpsters, and structural steel. This incredible coating also stands up to saltwater, wastewater, and diesel, making it ideal for solving containment challenges. When applied to wood, Polyurea provides a non-skid surface and extends its useful life.



Application of Polyurea to ocean going steel shipping container.



Pressure treated wood plank floors being prepped for Polyurea application. See back for finished application.

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More great reasons for choosing a Polyurea coating.

In addition to protecting your equipment, Polyurea has numerous benefits. First, it has a Fire Class A Rating, which means that when a continuous flame is on this material, it emits no toxic gases and will not drip when burned. And, once the source of the flame is removed, the material ceases to burn. Once it is cured, Polyurea will not leach gases, so it is ideal for coating potable water tanks. It even provides UV protection. Because of its enormous elasticity and abrasion resistance, it stands up to rugged treatment. It is especially suitable in harsh environments and under extreme climates, where other materials fail. Its elastic nature also provides a shock-absorbing benefit. Increased soundproofing is yet another great benefit of Polyurea. And it's available in multiple colors, including customized colors.



48" diameter x 85' pipe exiting wheel blast.

Polyurea Advantages at a glance.

- Waterproof
- Fast cure time
- Flexible/elastic nature
- Seals holes up to 3 inches in diameter
- Extremely durable
- Impervious/waterproof
- Abrasion resistant
- No gases released during application
- Creates a seamless surface
- Wide range of colors/customizable
- Can be applied from 30 mils to 1/2 inch thickness
- Soundproofing



Application of specialized coating.

You are in good company with DivCon's clients.

Give us the opportunity to assist you with your production needs and you will join our list of satisfied customers such as NASA, the Department of Defense's U.S. Marine Corps, U.S. Navy, U.S. Army, U.S. Coast Guard, and U.S. Customs. Our diverse civilian clients include Halifax Technical Services, AlliedSignal, Honeywell, Transamerica, Carlisle Container, Crowley, MobileMini, Trailer-Bridge, and Cell-Tel Govt.

Pre-construction Weldable Primer (PCP) also saves time and money!

DivCon uses pre-construction Weldable Primer to preserve freshly blasted construction steel. This innovative product allows the steel to be welded or burnt on the job site without having to first remove the primer, thereby eliminating the need to blast on site. After the welding or burning process, we clean the area with a wire brush and re-apply a thin coat of PCP. The steel is then ready to topcoat.



Extremely durable and long lasting Polyurea applied to wood flooring.