

FEATURES

1. High density elastomer, bonded strongly and uniformly to metal.
2. Tough, yet resilient material.
3. Long-lasting; resists aging and the elements.
4. Available in various thicknesses, from 1/4" up, in sizes to 60" O.D. & 84' long.
5. Yellow color.
6. High electrical resistance.
7. Excellent thermal insulation characteristics.
8. Broad temperature service range, from -45 to 300 degrees Fahrenheit.
9. Resists build-up of scale, fungus and other sea life.
10. Molded sleeve can be applied to joints for continuous coverage.
11. Installed in Mark Tool & Rubber Co.'s own plant.
12. Can be repaired on site in case of minor damage.
13. Used for nearly 50 years by the largest petroleum producing companies in the world.

BENEFITS

- Shields metal against corrosive attack of water, air and chemicals. Permanent; cannot easily be dislodged.
- Resists damage from impact of boats and debris. Won't crack or de-bond as pipe flexes or bends.
- Requires no routine maintenance for the life of the installation.
- You pay only for the coverage you need, fitting many applications.
- Easy recognition and high visibility.
- Does not contribute to electrolytic corrosion.
- Helps keep contents of flow lines and pipelines at desired temperatures.
- Can be used in most climates, under almost all conditions.
- Keeps corrosive elements away from metal. Easily cleaned to keep OD to desired minimum.
- Any length of continuous protection can be achieved by field application of SplashTRON sleeve to cover welded joint areas.
- Assurance of best manufacturing and quality control procedures in a carefully controlled environment.
- Epoxy patching compound ensures complete protection, long service life, at minimal cost. Needed only if damage exposes bare metal.
- You can have confidence in the product because the industry's leaders use it and have written SplashTRON into their specifications, in many cases.

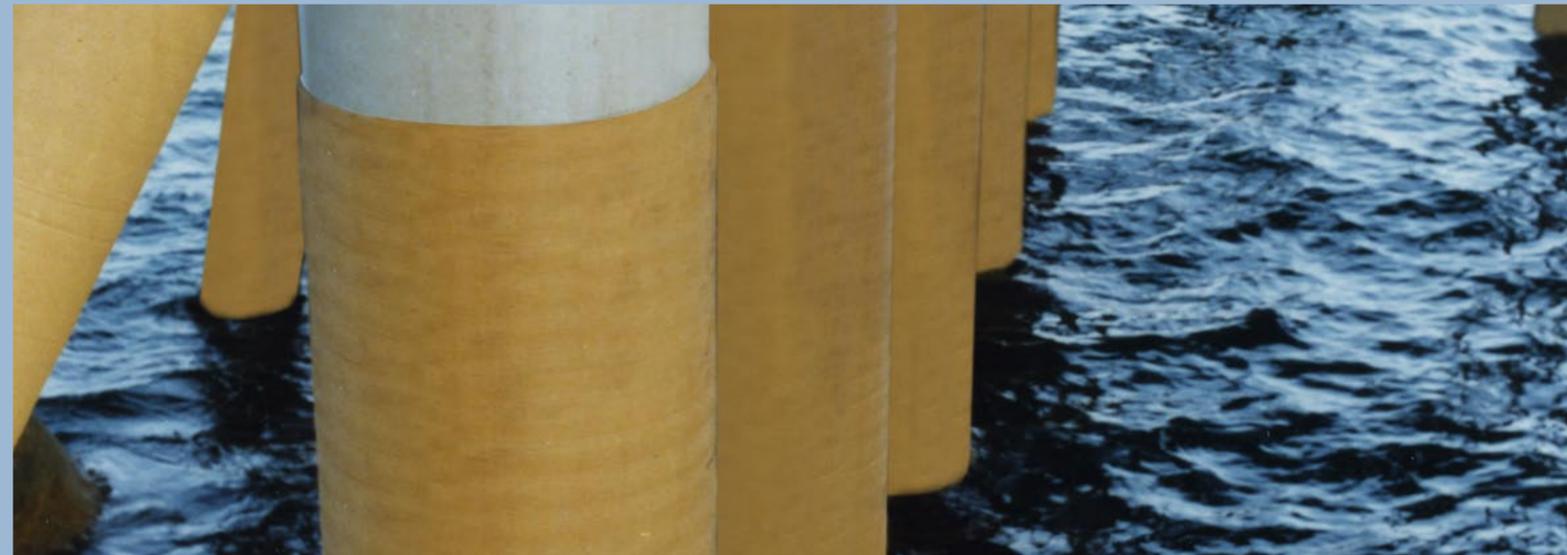


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SPLASHTRON®: CORROSION PROTECTION

IN
THE
RUGGED
SPLASH
ZONE



THE SPLASH ZONE - A DIFFICULT AREA TO PROTECT

The “**splash zone**,” that area immediately above and below the mean water level, has long been of major concern to design and corrosion engineers of offshore installations.

Tides cause the water level to rise and fall, alternately wetting and drying exposed metal surfaces, such as offshore oil and gas platform legs and risers. The brackish water and exposure to oxygen is corrosive, the wave action is constantly eroding the metal members and debris and boats come in contact with the metal to cause damage.

The metal which is constantly submerged can usually be protected by cathodic means, but that won't work in the “**splash zone**” because the water level is constantly changing. The areas well above the “**splash zone**,” which are exposed only to atmosphere, can be protected with various paints and zinc coatings, but must be reapplied when necessary.

But protecting the “**splash zone**” with traditional above-and-below the “**splash zone**” solutions have proven unsatisfactory. Monel jackets welded to the metal surface; special coatings and sprayed-on paint; and even making the metal components thicker, of course, are not effective in the “**splash zone**.”

SPLASH ZONE PROTECTION CRITERIA

Mark Tool and Rubber Company has become the leader in “**splash zone**” protection because the company took a comprehensive approach to developing the ultimate product for “**splash zone**” protection.

The criteria for successful “**splash zone**” protection consists of the following requirements:

- **Metal surface isolation** – metal must be isolated and separated from the environment
- **High electrical resistance** – coating should inhibit electrolytic corrosion and resist electrical current flow
- **High impact resistance** – protect against and resist buffeting from boats and floating debris
- **Flexible** – won't crack under the distortion of pipe bends or twists
- **Bio-fouling resistant** – isolate metal from sea life, fungus and scale attack
- **Good thermal insulation** – important in the case of flow lines
- **Guaranteed for life** – should last virtually the life of the installation

THE ANSWER IS SPLASHTRON®!

SPLASHTRON®: FOR ULTIMATE “SPLASH ZONE” PROTECTION

SplashTRON, from Mark Tool and Rubber, is a bonded-on elastomer for permanent metal protection for “**splash zone**” problems such as corrosion, wave action, moisture, oxygen and sea life.

Mark has been coating offshore oil and gas platforms with **SplashTRON** for nearly 50 years and many of the original installations of **SplashTRON** are still in their original state. If the platform is still in commission, the **SplashTRON** is still in good condition.

Besides the oil and gas industry, **SplashTRON** can be effective for any number of marine applications – anywhere where metal is exposed to corrosion or impact in the “**splash zone**.”

SplashTRON is applied uniformly and permanently to the metal surface during fabrication and the yellow material polymerizes and bonds under high pressure so that the strength of the bond is actually stronger than the tough **SplashTRON** itself.

SPLASHTRON MEASURES UP FOR SPLASH ZONE PROTECTION

SplashTRON is available in practically any desired thickness, from 1/4” up. All thicknesses of **SplashTRON** give complete protection against corrosive or chemical attack.

However, if protection against incidental contact with boats and debris is of paramount concern, 1/2” to 1” thick coatings are recommended. Also, the thicker the **SplashTRON** coating, the greater thermal insulating properties and the greater negative buoyancy.

SplashTRON is an elastomeric material; therefore it does not contribute to electrolytic corrosion. It resists electrical flow, with a conductivity of 1.3 million ohms.

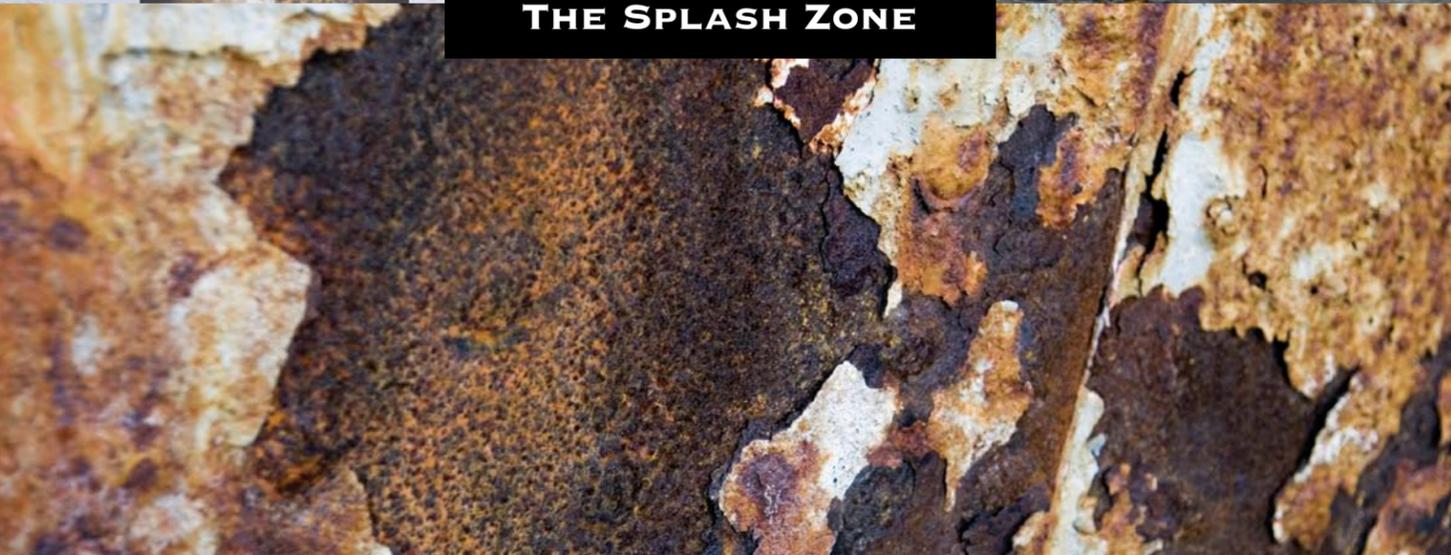
The elastomer resists damage from impact, acting much like a shock absorber. It has a Shore A durometer of 65, which makes it a resilient cushion, able to absorb and repel moderate blows from floating debris and boats. Most coatings are rigid and will crack when struck or flexed, but not tough, yet flexible **SplashTRON**.

SplashTRON inhibits marine growth. There has been little buildup on the long-lasting installations in the Gulf of Mexico and, unless damaged severely by the impact of some heavy, sharp object, to the point where the bare metal is exposed, no routine maintenance or service is required.

SplashTRON is there to take the effects of wave action, moisture and chemicals instead of the metal. And, that's precisely what it does.



THE SPLASH ZONE



SPLASHTRON®

