



For Immediate Release

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PERLASTIC™ Product Line Acquired by Global Polymer Solutions

CHICAGO, IL (USA) – Global Polymer Solutions LLC announces the acquisition of the global rights to Perlastic™ industrial protective coatings products.

PERLASTIC is a line of water-based, zero-VOC protective coatings which adhere directly to rust or substrates where limited surface preparation is possible. This product is suitable for application in confined spaces.

PERLASTIC's three coating grades are formulated for challenging applications with an asphalt-base to withstand many of the aggressive chemicals found on industrial sites. This makes it ideal for containment and waterproofing application in locations like mining, agriculture, wastewater treatment and storage, power plant and fabricated structural steel.

The line's chemical resistance is superior to other asphalt based coatings. The product has been tested and approved for many tank linings applications. Please contact the company for a full chemical resistance report.

According to Michael Babiarz, President of Global Polymer Solutions: "Perlastic is an exciting addition of the growing product line of our company. This product line allow us to offer contractor and facility maintenance managers an easy to apply coating system to almost any application."

The Perlastic™ product line consists of a three products: Perlastic™ RG, Perlastic™ TG and Perlastic™ SG. Each product provides corrosion protection for industrial applications requiring a water-based, zero (VOC) coatings. The products are commonly used for crack filling and coating steel or concrete in chemically aggressive environments.

Perlastic SG

Perlastic Spray Grade (SG) is a two-part, spray-applied elastomeric membrane engineered to halt corrosion/chemical attack of the substrate. It is specially formulated for use as a corrosion protection barrier, tank lining, secondary containment or equipment protective coating.

The self-priming coating provides resistance to salts and mining-related chemistries, moisture vapor permeation and UV weathering. SG sets in seconds (full curing in 24-48 hours) without using solvents, the manufacturer says.

Perlastic membrane thicknesses can be built from 40 to 120 dry mils in a single coat, multiple pass application. Thicknesses of 60 mils (1.5mm) are required for exposed corrosion protection applications; 80 mils (2mm), for immersion. About six gallons will coat 100 square feet at a 60 dry mil (1.5mm) application.

Perlastic RG

Single-component Perlastic Roller Grade (RG) is a thick, brushable/rollable coating used alone or in combination with Perlastic SG. Perlastic RG is best used alone where corrosion protection is required and access and/or size of application make spraying impractical, the manufacturer reports.

In many applications, RG can be used for “striping” corners and edges prior to spraying the SG material. For gaps greater than 1/8” inch, the manufacturer advises a “three coursing” method. This involves applying reinforcing fabric to bridge the gaps, applying RG over the tape two inches beyond the fabric, and then spraying the SG.

Air-cured RG will build about 25 wet mils thickness in one application, generating 15 mils dry film thickness. More thickness requires additional applications, and can be applied after the initial material has cured.

Perlastic RG can be applied with any paint brush or roller directly to a clean but lightly rusted surface and to previously coated areas.

Perlastic TG

Perlastic Trowel Grade (TG) is a thick, trowelable coating used with Perlastic SG or RG materials. Perlastic TG is best used to properly prepare substrates, such as crack filling and bugholes.

Perlastic TG is applied with a putty knife or flat-edged trowel. Smooth material as much as possible to ensure a proper finish. Allow to dry before applying additional coats, or before using Perlastic RG or SG.

Global Polymer Solutions LLC is one of the premier manufacturers of high performance polyurea, polyurethane and acrylic coatings, elastomers and castable resins for a wide variety of commercial, OEM and industrial applications. More information on this product is available on the web site: www.polymers-online.com.

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