

New Chemistry, Corrosion and Pigmentation Corrosion Tests



The new chemistry, corrosion and pigmentation corrosion tests are designed to evaluate the performance of coatings and materials under various conditions. These tests are essential for ensuring the durability and longevity of industrial products. The tests involve exposing samples to controlled environments that simulate real-world conditions, such as moisture, oxygen, and pollutants. By measuring the rate of corrosion and the appearance of pigmentation, engineers can identify potential weaknesses and optimize their designs. The new tests provide more accurate and reliable results, allowing manufacturers to make informed decisions about material selection and coating applications. This is particularly important for industries where safety and performance are critical, such as aerospace, automotive, and marine. The tests are easy to perform and require minimal equipment, making them accessible to a wide range of laboratories and testing facilities. Overall, the new chemistry, corrosion and pigmentation corrosion tests are a significant advancement in the field of materials testing, providing valuable insights into the performance of industrial products.

Biodegradable Scale and Rust Remover Powered by Nano VpCI



Scale, like many things in life, is easy to ignore until it becomes a problem. For boilers that produce hot water and steam for industrial activities, the situation can become serious before the scale is even noticed. The periodic removal of scale should be done whenever pressure increases and heating demands rise. EcoClean Biodegradable Scale and Rust Remover powered by Nano-VpCI from Cortec (St. Paul, Min-

nesota, USA) is a great option because it is a USDA Certified Biobased Product with vapor phase corrosion inhibitors (VpCI) additives that works to dissolve scale more safely than harsher options like muriatic acid. It is one of the fastest acting products on the market for dissolving heavy scale, corrosion, and naturally occurring oxides off metals. It is effective and safe to use on iron, carbon steel, stainless steel, copper, aluminum, magnesium, and their alloys. Powerful corrosion inhibitors contained in the scale remover protect treated metals from flash rust. EcoClean Biodegradable Scale and Rust Remover is simple to use and non-toxic, providing one safe remover for all descaling and de-rusting needs. There are three methods of application: a water-soluble pouch form that uses one pouch for every 4 gal (15.14 L) of water; a powder form that adds 7% (by weight) in water; and a ready-to-use liquid form that adds one part product to two parts water. Tel: 1 800-426-7832, web site: www.cortecvci.com.



The application of the scale and rust remover is straightforward and safe. The product can be used on a variety of metal surfaces, including iron, carbon steel, stainless steel, copper, aluminum, and magnesium. The active ingredients in the product work to break down the scale and rust, allowing it to be easily removed. The product is non-toxic and does not contain any harsh chemicals, making it safe for use in industrial settings. The application process is simple and can be completed in a short amount of time. The product is available in three different forms: a water-soluble pouch, a powder, and a ready-to-use liquid. Each form is designed to be easy to use and effective at removing scale and rust. The product is a valuable tool for anyone who works with metal surfaces and needs to keep them clean and free of scale and rust.